ALASKA DEPARTMENT OF FISH AND GAME
COMMERCIAL FISHERIES MANAGEMENT AND DEVELOPMENT DIVISION

UPPER COOK INLET COMMERCIAL FISHERIES

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INTRODUCTION

The Upper Cook Inlet management area consists of that portion of Cook Inlet north of the latitude of Anchor Point and is divided into the Central and Northern Districts (Figure 1). The Central District is approximately 75 mi long, averages 32 mi in width, and is further subdivided into six subdistricts. The Northern District is 50 mi long, averages 20 mi in width and is divided into two subdistricts. At present, all five species of Pacific salmon (*Oncorhyncus*), razor clams (*Siliqua patula*), and Pacific herring (*Clupea harengus pallasi*) are subject to commercial harvest in Upper Cook Inlet. Harvest statistics are gathered and reported by five-digit statistical areas and sub-areas (Figure 2).

Salmon

Since the inception of a commercial fishery in 1882, many gear types, including fish traps, gillnets, and seines have been employed with varying degrees of success to harvest salmon in Upper Cook Inlet. Currently, set (fixed) gillnets are the only gear permitted in the Northern District, while both set and drift gillnets are used in the Central District. The use of seine gear is restricted to the Chinitna Bay Subdistrict where they are employed only sporadically. Drift gillnets have accounted for 60% of the average annual salmon harvest since 1966 with set gillnets harvesting virtually all of the remainder (Appendix A.1-6).

Commercial salmon harvest statistics specific to gear type and area are available only back to 1954 (Appendix A.7). Run-timing and migration routes utilized by all species overlap to such a degree that the commercial fishery is largely mixed-stock and mixed-species in nature. Typically, the Upper Cook Inlet harvest represents approximately 5% of the statewide catch.

In terms of their economic value, sockeye salmon (*O. nerka*) are by far the most important component of the catch followed by coho (*O. kisutch*), chum (*O. keta*), pink (*O. gorbuscha*) and chinook salmon (*O. tshawytscha*) (Appendix A.8).

Herring

Commercial herring fishing began in Upper Cook Inlet in 1973 with a modest harvest of bait-quality fish along the east side of the Central District and expanded in the late 1970's to include small-scale sac roe fisheries in Chinitna and Tuxedni Bays (Appendix A.9). The total herring harvest has averaged less than 400 tons having an exvessel value below $200,000, one of the smallest herring fisheries in the state.

Because the glacial waters of Upper Cook Inlet preclude the use of aerial surveys to estimate biomass of herring stocks, the management approach utilized has necessarily departed from the standard techniques employed in the more traditional herring fisheries. Gillnets are the only legal gear for herring in Upper Cook Inlet with set gillnets being used

almost exclusively. Harvests are generally concentrated in the Clam Gulch area (bait herring) and in the Snug Harbor and Magnetic Island areas of Tuxedni Bay and near Clam Cove and Camp Point in Chinitna Bay (roe herring).

Beginning in 1988 in Tuxedni Bay, significant decreases in herring abundance and a shift towards older age class herring were observed resulting in the closure of Tuxedni Bay by emergency order prior to the 1992 season. In Chinitna Bay and along the eastside beaches similar declines began to materialize after the 1990 season. As a result of these declines a Department proposal to the Alaska Board of Fisheries to open the Upper Cook Inlet herring fishery by emergency order only, was submitted. This proposal passed and became regulation for the 1993 season, ending a long period with fixed opening dates of April 15 on the east side and April 22 on the west side of the Inlet. This action effectively closes this fishery until the herring stocks have completed the rebuilding process. The 1995 season was the third year of a total closure of the Upper Cook Inlet Area which is expected to last several more years.

Razor Clams

The commercial harvest of razor clams from Upper Cook Inlet beaches dates back to 1919. Harvest levels have fluctuated from no fishery for as many as eight consecutive years to production in excess of half a million pounds (live weight) in 1922 (Appendix A.10). The sporadic nature of the fishery has been more a function of limited market opportunities rather than limited availability of the resource.

Razor clams are present in many areas of Cook Inlet with particularly dense concentrations occurring near Polly Creek on the western shore and from Clam Gulch to Ninilchik on the eastern shore. The eastern shoreline has been set aside for sport harvest exclusively since 1959 and all commercial harvests since that time have come from the west shore, principally from the Polly Creek area. A large portion of the Polly Creek beach is approved for the harvest of clams for the human food market. Bait clams may be taken only outside of this approved area. No overall harvest limits are in place for any area. Virtually all of the commercial harvest has come by hand-digging although regulations prior to 1990 allowed the use of mechanical harvesters (dredges) south of Spring Point or within a one mile section of the Polly Creek beach. Numerous attempts to develop feasible dredging operations were largely unsuccessful due to excessive shell breakage or the limited availability of clams in the area open to this gear.

1995 COMMERCIAL SALMON FISHERY

The 1995 commercial harvest of 4.1 million salmon in Upper Cook Inlet was approximately equal to the long-term average catch and 1 million fish lower than the harvest of the previous year. The harvest was valued at approximately $22.0 million, a drop of $12.4 million from 1994.

The Alaska Board of Fisheries, meeting in the spring of 1995, altered the regulatory sonar count goal for sockeye salmon in the Kenai River. The previous goal of 400,000 to 700,000 was changed to a new range of 450,000 to 700,000. The change was made to accommodate the increased harvest efficiency of the in-river recreational fishery while ensuring adequate numbers of spawners.

Throughout the 1995 season, emergency order announcements and fishery updates were provided to radio stations in Homer and the Kenai-Soldotna area and to processors, fishermen's organizations and other agencies via electronic facsimile. Emergency orders and daily escapement and harvest information were also made available through 24-hour recorded message telephone lines.

Sockeye Salmon

The 1995 commercial sockeye salmon harvest of 3.0 million fish was the eleventh highest on record and approximately 600,000 higher than the long-term average. Valued at $19.2 million, the sockeye salmon harvest comprised 87.1% of the value of the total commercial salmon fishery. The distribution of the catch between drift gear (60%) and set net gear (407%) differed only slightly from the long-term average (57.6% drift).

Management of the Upper Cook Inlet sockeye salmon fishery integrates information received from a variety of programs which together provide an in-season model of the actual return. These programs include offshore test fishing, escapement enumeration by sonar and weir, comparative analysis of historic commercial harvest and effort levels, and age composition studies. Two developing programs (genetic stock identification and in-district sonar enumeration) are beginning to provide additional information.

The offshore test fishing program employs a chartered gillnet vessel fishing standardized stations along a transect crossing Cook Inlet from Anchor Point to the Red River delta. The program provides an in-season estimation of sockeye salmon run-strength by determining fish passage rates (computed by correlating the vessel's daily catch with subsequent commercial harvests and escapement) and fitting these rates to the appropriate historic run-timing profile (Table 1). In 1995, the program was again conducted aboard the

F/V *Corrina Kay* captained by Roy Self.

Hydroacoustic devices (sonar counters) to quantify salmon escapement into glacial rivers were first employed in Upper Cook Inlet in the Kenai and Kasilof Rivers in 1968 and expanded to the Susitna River in 1978 and the Crescent River in 1979 (Appendix A.11). Operations followed standard procedures in all systems in 1995 and no unusual problems were observed (Table 2). Weirs placed on Fish Creek and Packers Creek and operated by Cook Inlet Aquaculture Association provided daily escapement counts for those systems.

Upper Cook Inlet commercial catch statistics refined to gear type, area and date are available back to 1966. Availability of these statistics in a computerized database format make them extremely valuable for evaluating in-season fishery performance. The 1993 commercial catch by gear type, area and date can be found in Tables 3 through 7. Total harvest by statistical area and average catch per permit are contained in Tables 8 and 9. A summary of emergency orders can be found in Table 10 and a summary of fishing periods by gear type and area in Table 11.

Inseason determination of the age composition of sockeye salmon entering the principle rivers frequently provides information helpful in estimating the stock contributions in various fisheries. During the 1995 fishery approximately 25,000 sockeye salmon were examined from catch and escapement samples. The age composition of adult sockeye returning to monitored systems is provided in Table 12.

The 1995 season began with the June 2 opening of the sockeye salmon fishery near Big River in the Kustatan Subdistrict. A management plan (5AAC 21.368) adopted by the Board of Fisheries first opened this fishery in 1989. The 1995 harvest of 3,951 sockeye salmon was the second lowest on record for this fishery. The incidental harvest of chinook salmon (186 fish) was the smallest on record and far below the 1,000 fish cap imposed by the management plan. Twenty-one fishermen made landings in this fishery and sockeye salmon averaged 4.80 pounds based on fish ticket information. The "peak" of the sockeye salmon catch (1,233 fish) occurred on June 5.

The sockeye salmon return to the Crescent River on the west side of the Central District is sufficiently segregated from the other July sockeye salmon runs to generally allow management measures to be taken solely within the Western Subdistrict set gillnet fishery. The 1995 return was extremely poor, requiring closure of the fishery south of Redoubt Point following the July 7 fishing period and continuing through the July 28 period. Additionally, that area south of Redoubt Point and west of 152 degrees, 25 minutes W. long. was closed to drift gill netting for the same period to further assist the escapement rate. The Western Subdistrict catch of 19,144 sockeye salmon was only about 40% of the long-term average and one of the poorest catches on record. The Crescent River escapement of 52,250 was just adequate to satisfy the minimum goal.

Prior to the fishing season, fishermen were informed that the expected modest return of sockeye salmon to the Kenai River coupled with ongoing concerns with achieving satisfactory sockeye salmon escapement levels in the Susitna River, would likely require some restriction of the basic fishery but the precise nature of those restrictions would be formulated during the fishing season as relative run strengths were determined.

The drift fishing season began on the regulatory opening date of June 26 with sockeye salmon catches through early July at expected levels. The Upper Subdistrict set nets opened on schedule on July 3 with typical catches coming from all beaches through the first half of July. With the overall sockeye run proceeding about as expected, the drift fishery was restricted to the eastside 3-mile corridor for the regular period on July 14 in order to reduce the exploitation of Susitna River sockeye. Both effort and catch were quite small and the beach catches remained moderate. Fish began moving strongly onto the Kasilof River beginning July 16 and escapement also picked up considerably at the Kenai River counters by July 17. Catches from the eastside set nets were very strong on the regular period on July 17. With the Kasilof River rapidly approaching the minimum escapement goal, the July 17 period was extended south of the Blanchard Line (a regulatory marker located approximately 4 1/2 miles north of the Kasilof River) but only within 1/2 mile of the beach in an effort to keep the Kenai-bound component of the catch at a minimum. Sequential emergency orders kept this area open continuously through the regular period on Friday, July 21. With escapement levels building well in all monitored systems, all areas and gear types fished the July 21 period. Catches both in the drift fishery (339,000) and off the eastside beach (103,000) were down slightly from the previous regular period.

By the next regular period scheduled for Monday July 24, daily escapement rates for sockeye salmon at the Yentna River counters had begun to decline, raising concern that the escapement goal for this system might not be achieved. The Northern District set net fishery was closed for the July 24 period and drifting was restricted to south of the northern tip of Kalgin Island to conserve northern-bound fish. With both the kasilof and Kenai River escapements progressing strongly, the Upper Subdistrict set nets were allowed to fish nearly continuously through August 1. Drifting was also permitted during this time frame in the shoreward 3 miles from Colliers Dock to Ninilchik for 17 hours each day as well as district-wide on regular periods. A late surge of fish to the Kenai River prompted an extension of the Friday, August 4 period until 10:00 P.M. August 5 for the Upper Subdistrict set nets with drifting again permitted during daylight hours in the corridor.

The final Kenai River sonar count for sockeye salmon in the Kenai River reached 630,447, well within the desired range, with the peak day of counting (62,716) occurring on July 25 and the midpoint of the monitored escapement on August 1. The Kasilof River total of 204,935 was solidly within the desired range of 150,000 to 250,000 with the peak day (26,895) and the midpoint both occurring on July 17. The Yentna River counters recorded 121,220 sockeye salmon, well within the desired range of 100,000 to 150,000. The peak daily count of 11,894 occurred on July 27 while the midpoint was reached on July 26.

Consistent with the Packers Creek Sockeye Salmon Management Plan, additional fishing time was opened for set gillnetting in the Kalgin Island Subdistrict when fish surplus to escapement needs became available but was limited to single weekly periods on July 29, August 2, August 9 and August 16. Despite the additional fishing effort and cost-recovery activities by Cook Inlet Aquaculture Association, the final escapement of 29,473 sockeye salmon at Packers Creek exceeded the 25,000 fish upper end of the goal range. The highest daily weir count (1,789) occurred on July 25 and the midpoint of escapement was reached on August 10.

Set gillnetting was open in a portion of Knik Arm under the provisions of the Fish Creek Sockeye Salmon Management Plan. Fishing periods occurred on July 16, 18, 23 and 25 and produced a catch of 19,477 sockeye salmon and 2,000 coho salmon. Despite the targeted commercial fishery and an instream personal use dip net fishery, the Fish Creek escapement totaled 115,101, more than double the escapement goal. The peak daily weir count of 19,949 on July 23 coincided with the midpoint of escapement.

Chum Salmon

Chum salmon returning to Upper Cook Inlet are bound principally for the Susitna River with much smaller returns bound for several streams in Knik and Turnagain Arms and along the west side of the Central District. The harvest occurs primarily in the drift fishery (88%), the Northern District set net fishery (6%) and the Central District west side set net fishery (5%). The timing of the Susitna River return significantly overlaps the timing of the sockeye salmon returns and as a result, management measures directed at sockeye salmon often influence the chum salmon harvest. The Susitna River chum salmon escapement is not measured and no escapement objectives are defined.

The 1995 harvest of 529,422 chum salmon was slightly below the long-term average of just over 600,000 although a considerable improvement over the recent extremely poor harvests since 1988. The chum salmon catch, valued at $1,023,000, accounted for 4.6% of the exvessel value of the salmon fishery. The fairly conservative offshore drift fishery contributed to reducing the exploitation of the return and the resulting Susitna River escapement was subjectively judged to be fair.

Chum salmon returns to Central District west side streams appeared to be average to above average and harvests from these areas reflected that run strength. Escapement in the few streams monitored was generally average as well. Clearwater Creek in Chinitna Bay, the primary index stream for the bay, had an excellent return and quickly reached it's escapement goal. Drift gear was permitted in the bay beginning August 19, the earliest such opening in many years.

Pink Salmon

Returns to the Susitna and Kenai rivers combine to account for the majority of the pink salmon production in Upper Cook Inlet. Both rivers have abundant returns only in even-numbered years.

The 1995 pink salmon return produced a harvest of 133,575 fish, about average for an odd-numbered year. Pink salmon accounted for only 0.2% of the value of the salmon fishery with an exvessel value of $53,000. No escapement objectives exist for odd-year pink salmon and this species did not play a role in any management decision implemented during the 1995 season.

Coho Salmon

For discussion purposes, it is useful to divide Upper Cook Inlet's diverse coho salmon stocks impacted by the commercial fishery into three broad categories. The first category contains those stocks bound for the Susitna River and other Northern District streams. These migrate through the Central District during the last three weeks of July. The Cook Inlet Salmon Management Plan identifies Susitna River coho salmon as a stock which should experience a minimized commercial interception, to the extent consistent with other goals established within the Plan. While simple in concept, this directive is much more difficult to implement in practice. The management plan identifies a higher priority for the sustained commercial harvest of sockeye, chum and pink salmon stocks, many of which are bound for the same streams at similar times and along similar pathways utilized by Susitna River coho salmon stocks. Consequently, these stocks are normally exploited at fairly significant levels in the commercial drift and the Northern District set net fisheries. It is occasionally possible to time fishery closures aimed principally at stock conservation of sockeye salmon to take advantage of peaks in abundance of coho salmon but such opportunities arise too infrequently to consistently meet the Plan objectives.

The second category of interest is the early return of coho salmon to the Kenai River which peaks in abundance in early August and is intercepted in both the drift and eastside set net fisheries. The allocation status is the same as for Susitna coho salmon. Due to the overlap with the Kenai River sockeye salmon return, it is difficult to avoid a substantial interception of this stock in the commercial fishery.

The third stock grouping consists of a diverse collection of coho salmon returns to the numerous streams along the west side of Cook Inlet. Under the management plan, these stocks are managed primarily for commercial uses. Fishing time in the west side set net fisheries during August is based primarily on the strength of these returns.

The 1995 coho salmon harvest of 446,954 was nearly a third higher than the long-term

average and accounted for 5.9% of the exvessel value of the salmon fishery. Commercial interception of Susitna River coho salmon was probably somewhat reduced by mid-July restrictions aimed at conserving Susitna sockeye stocks. Inriver abundance was not directly measured but subjectively appeared to be good to excellent.

The Kenai River early return exhibited average run strength as judged by daily catches in the eastside set net fishery. Freshwater abundance, as indicated by harvest rates in the inriver recreational fishery, was average.

The west side coho salmon returns were generally average to above-average and fishing in these areas was extended to three weekly periods beginning August 23 for the remainder of the fishing season.

Chinook Salmon

The principle stocks of chinook salmon harvested in the commercial fishery are the return to the Susitna River and the late run to the Kenai River. Created by the Board six years ago and conducted under the direction of the Susitna River Chinook Salmon Management Plan, a minor fishery occurs each June for set gillnets in the Northern District. Each participant is allowed one 35-fathom net and a minimum distance of 1200 feet must be maintained between nets (twice the normal distance). Fishing is permitted for 6 hours each Monday in June until the quota of 12,500 chinook has been harvested or the regular season opens on June 25. Harvest levels approached or reached the quota in the first years of the fishery but have declined substantially in recent years as Susitna River chinook salmon run strength has dropped.

The 1995 Northern District directed chinook salmon fishery harvested 3,837 chinook salmon, a reasonably good catch considering the fishery was limited to a single period on June 5. The truncated season was combined with widespread recreational fishery restrictions to bolster escapement in many Northern District streams where recent spawner levels had fallen below desired levels. The strong commercial catch can largely be attributed to excellent fishing conditions rather than improved run strength as resulting freshwater abundance was only slightly improved over recent years.

The other major stock of chinook salmon harvested in the commercial fishery, the late run to the Kenai River, generates the greatest controversy in Upper Cook Inlet, pitting Kenai River recreational anglers against Upper Subdistrict ("eastside") set netters. An average of over 13,000 chinook salmon were taken annually during the 1980's in the commercial set net fishery, frequently exceeding the sport fish harvest. Much smaller numbers are taken in the drift gillnet fishery.

The 1995 eastside set net fish ticket total of 12,032 chinook salmon was down somewhat

from the previous year but remained well above average. Projections of chinook escapement throughout the season remained sufficiently high to prevent any of the restrictive provisions of the Kenai River Late Run Chinook Salmon Management Plan from being triggered.

The harvest was spread fairly evenly over the eastside beach areas with Ninilchik (statistical area 244-21), Cohoe (244-22), Kalifonsky (244-30) and Salamatof (244-40) averaging 36, 23, 24 and 20 chinook salmon per permit holder, respectively. A total of 21 chinook salmon were reported as retained for personal use by commercial fishermen, 13 of those coming from the Central District eastside set net fishery.

Price, Average Weight and Participation

In general, prices paid to fishermen for their catch decreased significantly from 1994 levels. The price per pound for sockeye salmon dropped 30 cents, from $1.45 to $1.15. (Appendix A.11). Chinook, coho, pink and chum salmon were sold for $1.00, $0.45, $0.12 and $0.27 per pound, respectively. It should be noted that these averages are generated from inseason grounds prices and do not reflect any post-season adjustments.

As determined from fish ticket calculations, the average weight by species generally were similar to the long-term mean. Chinook salmon averaged 26.6 pounds per fish while sockeye, coho, pink and chum salmon averaged 5.7, 6.4, 3.3 and 7.2 pounds, respectively (Table 13., Appendix A.12).

The Commercial Fisheries Entry Commission issued 577 drift gillnet permits (67.8% to Alaska residents) and 738 set gillnet permits (83.7% to Alaska residents) for the Cook Inlet area in 1995 (Appendix A.13). A total of 22 firms or individuals purchased Upper Cook Inlet fishery products during 1995 (Table 14).

Salmon Enhancement

Salmon enhancement through hatchery stocking has been a part of Upper Cook Inlet salmon production since the early 1970's. Presently, three commercially-oriented hatcheries are sited in Upper Cook Inlet, all operated by the Cook Inlet Aquaculture Association. Two of the facilities were originally built and operated by the Department's FRED Division and have recently been leased to CIAA as the state operating budget has been reduced. The hatcheries have functioned to produce primarily sockeye salmon with minor production of coho and chinook salmon. Most of the major projects operate without marking programs, making accurate estimates of contribution to common property harvests difficult. In general, hatchery-produced sockeye salmon have accounted for less than 10 percent of the commercial catch.

Owned and operated by CIAA, the Eklutna hatchery is located on the lower Knik River at the head of Knik Arm. Originally functioning as a chum salmon facility, this hatchery converted to sockeye salmon culture in 1992. The current program calls for annual production of 1 million sockeye salmon smolts and 50,000 coho salmon smolts for release at the hatchery site and 5 million sockeye salmon fry for release in the Big Lake drainage. All fish are of Big Lake origin. Hatchery cost recovery is permitted in the hatchery tailrace although this harvest is opportunistic and no provisions are made to manage common property fisheries to assure a fixed level of revenue. At this time, only small surpluses of past chum salmon stocking are returning to the hatchery. In 1995, 31,217 chum salmon, 17 coho salmon and 1,782 sockeye salmon were taken by CIAA from the Eklutna tailrace and sold.

The Crooked Creek hatchery opened as a state facility in 1974 and has functioned primarily as an incubation site for sockeye fry destined for Tustumena Lake in the Kasilof River drainage. The stocking level for this project has declined from approximately 17 million to 6 million and the resulting surplus fry are currently stocked in a variety of lake systems in Lower Cook Inlet. The facility is currently operated by CIAA. No Upper Cook Inlet cost recovery revenues are presently generated by Crooked Creek activities with the exception of the few fish straying into the hatchery tailrace. CIAA harvested and sold 1,385 chinook salmon from the Crooked Creek tailrace in 1995.

The Trail Lakes hatchery, located in the upper Kenai River drainage, opened as a state facility in 1982 and was transferred to CIAA in 1990. The current Upper Cook Inlet sockeye salmon programs include a 2 million fry stocking project for Chelatna Lake in the Susitna River drainage, a 2.3 million fry stocking project for Hidden Lake in the Kenai River drainage, a 200,000 smolt stocking project for release in Coal Creek in the Kasilof drainage and a 2.75 million fry stocking program for Packers Lake on Kalgin Island. Only the Packers Lake project offers any opportunity for cost recovery. Any fish surplus to escapement needs may be recovered and sold by CIAA but no restriction of common property fisheries occurs in order to assure revenue opportunities. In 1995, given that past years indicated surplus fish would assuredly be available, a series of interim escapement objectives were established and all fish in excess of the objectives could be harvested as the run progressed. The system worked quite well, providing better quality fish for harvest and removing fish from all segments of the return. A total of 20,029 sockeye salmon averaging 4.4 pounds each were harvested in this manner at the counting weir on Packers Creek.

Stock Status and Outlook

In general, Upper Cook Inlet's salmon stocks are in good condition although several problem areas currently exist. The forecast return of sockeye salmon to the Kenai River for 1996 of 2.5 million fish, while far below the record levels of some recent years, remains above the long-term average and should improve considerably in 1997. Kasilof River

returns, very strong through the early and mid 1980's, appear to have stabilized at somewhat lower levels and returns there are expected to remain at about average levels over the next several years. Susitna River escapements in recent brood years were generally good although the 1992 brood year escapement was poor and the primary return year (1997) to this system will likely be diminished. Despite very high parent-year escapements, recent production from Crescent River has been poor. The near-term outlook for this system is difficult to project. Extensive sampling of juveniles and water quality parameters during the summer of 1996 should provide some information as to why production from this system has fallen so dramatically. In summary, Upper Cook Inlet sockeye salmon harvests through the 1990's will likely drop significantly from the 1980's although sporadic high harvests may result from occasional production peaks from the Kenai River.

For 1996, the expected total return of sockeye salmon is forecast to be 4.8 million and the harvest should equal 3.3 million (Appendix A.14).

Chum salmon production has been relatively poor in recent years, in part due to after-effects of the 1986 fall flooding of the Susitna Basin, but likely also due to poor general environmental factors. Many chum salmon stocks throughout central and western Alaska have shown a similar drop in productivity. Lacking quantitative escapement information, it is more difficult to speculate on near-term returns but it is likely that chum salmon returns will be, at best, poor to fair over the next four years. The 1996 harvest projection for chum salmon is 350,000.

Susitna River pink salmon have not recovered substantially from the 1986 flood and overall marine survival of pink salmon appears to be waning. Kenai River pink salmon stocks have fared somewhat better than those of Susitna River origin but recent run strengths have been fair at best. The 1996 harvest of pink salmon is projected to be 600,000.

Upper Cook Inlet's coho salmon stocks generally produced very strong returns throughout most of the 1980's and no downturn in this trend has been observed. Susitna River escapements appear to have been excellent for the last several years and the outlook for this return is very good. Early-run Kenai River coho salmon returns have ranged from average to good in recent years but harvests have been high in both the commercial fishery and in the rapidly growing sport fishery. The Upper Cook Inlet commercial harvest for 1996 is projected to be 400,000.

Chinook salmon stocks in Upper Cook Inlet appear to be in generally fair to good condition although many Northern District stocks have declined substantially from the very high levels of several years ago. The 1996 projected Upper Cook Inlet commercial chinook salmon harvest is 15,000.

COMMERCIAL RAZOR CLAM FISHERY

Historically the Cook Inlet razor clam fishery on the west side of Cook Inlet has been confined to the area between Crescent River and Redoubt Point. All clams harvested in this area are directed by regulation to be sold for human consumption, except for the small percentage (less than 10%) of broken clams which may be sold for bait. Razor clams are present throughout this area with especially dense concentrations in the Polly Creek and Crescent River areas. Beginning in 1993 the Department of Environmental Conservation certified additional area for human consumption, north of the existing Polly Creek certified beach, to Redoubt Creek. In 1994 this certification was extended north to Harriet Point. In the remainder of the Upper Cook Inlet Management Area there are no restrictions on the amount of clams that can be sold for bait. Currently there is no directed effort to harvest razor clams for the bait market. The minimum legal size for razor clams is four and one-half inches (114 mm) in shell length.

The 1995 fishery began on May 25 and the last reported deliveries were made on August 15. The season's harvest taken primarily from the Polly Creek/Crescent River area was 248,358 pounds (Appendix A.9). A total of 23 diggers made 1,320 landings over the course of the season. Diggers were paid an average of $.50 per pound for their harvest making the total fishery exvessel value $125,000. The 1995 Seldovia District tide tables can be found in Table 16.

SUBSISTENCE AND PERSONAL USE FISHERIES

In 1978, the State of Alaska passed its first subsistence statute (AS 16.05.258) which gave "priority" to subsistence uses of fish and game resources over other uses. In contrast, Federal passage of Title VIII of the Alaska National Interest Lands Conservation Act (ANILCA, 1980) gave a subsistence priority to rural residents only. In order to comply with ANILCA, the Board of Fisheries by regulation limited subsistence eligibility to rural Alaska residents. Since 1978 the Alaska subsistence statute has received numerous challenges and adjustments by the court system and the Alaska State Legislature. In 1985, as a result of the Madison et al. versus Alaska Board of Fisheries decision, all Alaska residents qualified as subsistence users. More liberal subsistence fisheries were established under emergency regulations for the 1985 fishing season. Prior to the 1986 fishing season the Alaska Legislature passed legislation which again limited subsistence to rural residents. As a result of the McDowell versus State of Alaska decision by the Alaska Supreme Court in 1989 the "rural" requirement was removed from state statute. This prompted the Joint Boards of Fish and Game to announce the "all Alaskan policy" in October of 1990 which stated that all Alaska residents are subsistence users under a Tier I classification.

In December of 1990, the Alaska Board of Fisheries (BOF) at a regularly scheduled meeting covering Upper Cook Inlet, adopted the Upper Cook Inlet Subsistence Salmon Management Plan. In addition to subsistence regulations, they also modified existing personal use fisheries in the Central District of Upper Cook Inlet to minimize the impacts of these newly expanded subsistence fisheries.

The Alaska State Legislature, during the 1992 session, passed legislation that required the Boards of Fish and Game to identify non-subsistence areas "where subsistence was not a principal part of the social or economic structure of the community". During the November 1992 meeting covering Upper Cook Inlet, Boards of Fish and Game established the Anchorage-Mat-Su-Kenai non-subsistence area which encompassed most of the Kenai Peninsula, all of the Municipality of Anchorage, and much of the Mat-Su Borough. Also the Board of Fisheries rescinded the Upper Cook Inlet Subsistence Salmon Management Plan which: (1) ended all subsistence fisheries in Upper Cook Inlet except the Tyonek subsistence fishery, (2) reinstated personal use set gillnet fisheries at the mouth of the Kasilof River in late June and along the eastern shoreline north of Kasilof River during the last three weekends of September. In addition, dip net fisheries were reinstated in the mouth of Kenai and Kasilof rivers.

In October of 1993 the "non-subsistence areas" provision was ruled unconstitutional in Superior Court (Kenaitze v. Alaska). This ruling was appealed by the State of Alaska to the Alaska Supreme Court where a stay was granted on March 10, 1994. This stay was vacated by the full court on April 11, 1994. A special meeting of the Joint Boards was convened on April 28, 1994 by teleconference. As a result of these meetings the Upper Cook Inlet Subsistence Salmon Management Plan was readopted on April 28, 1994.

In early May of 1995 the Alaska Supreme Court overturned the October 1993 Superior Court decision. This ruling reestablished the Anchorage-Mat-Su-Kenai non-subsistence area where subsistence fisheries were scheduled to begin on May 20, 1995. The Board of Fisheries convened an emergency meeting by teleconference on May 24, 1995 to close subsistence fisheries in the non-subsistence area. At this emergency meeting the Board of Fisheries delegated the authority to the commissioner to readopt the Upper Cook Inlet Subsistence Salmon Management Plan as a personal use fishery. This was done by emergency regulation and later was made a permanent regulation due to the length of the fishing season. The result of this action was that 5 AAC 77.540 *Upper Cook Inlet Personal Use Salmon Fishery Management Plan* was established in regulation. The Board of Fisheries also left standing; (1) 5 AAC 77.545 *Cook Inlet Personal Use Salmon Dip Net Management Plan,* (2) 5 AAC 77.547 *Central District Personal Use Sockeye Salmon Management Plan,* and (3) 5 AAC 77.548 *Central and Northern District Personal Use Coho Salmon Management Plan.* The Board of Fisheries requested the department to provide the same opportunity under personal use in 1995 as there had been during the 1994 season when *The Upper Cook Inlet Subsistence Salmon Management Plan* was in effect.

The Upper Cook Inlet Subsistence Salmon Management Plan was first adopted in December 1990. On May 24, 1995, this plan was readopted as the *Upper Cook Inlet Personal Use Salmon Fishery Management Plan*, (5 AAC 77.540). Under these plans subsistence or personal use fishing is allowed in most marine waters of Upper Cook Inlet normally open to commercial set gillnet fishing. In addition, set gillnet fishing is allowed in Knik Arm, as well as dip net fishing in the mouths of the Kenai and Kasilof rivers. Fisheries under these plans were conducted as subsistence fisheries in 1991, 1992, and 1994, or as personal use fisheries in 1995. Generally, regulations were similar among these years. In 1993 the only personal use fisheries allowed were governed under other personal use management plans.

Permits have been required by the *Upper Cook Inlet Subsistence Salmon Management Plan* and the *Upper Cook Inlet Personal Use Salmon Fishery Management Plan*, (5 AAC 77.540). Only when the fishery was conducted as a personal use fishery (1995) was a valid resident Alaska sport fishing license required or an exemption from licensing under AS 16.05.400. The annual bag and possession limits are twenty-five salmon per head of household of which no more than five can be chinook salmon. In addition, a household is allowed another ten salmon for each household member of which no more than one can be a chinook salmon. Currently, personal use fishing periods are scheduled by regulation on select Wednesdays and Saturdays from 8:00 a.m. to 8:00 p.m. Less opportunity is afforded in May and June to harvest early sockeye and chinook salmon stocks, more opportunity in July when sockeye salmon are more abundant, and decreasing opportunity in August and September to harvest coho salmon stocks.

Legal gear under these plans are set gillnets and dip nets. A set gillnet can not exceed 10 fathoms (60 feet), or 45 meshes in depth. Mesh size must be greater than four inches but may not exceed six inches. In general nets must be set less than 500 ft seaward of the mean

high water mark, not seaward of another net and have a buoy clearly labeled with the operator's name and address. All gear including anchors and running lines must be removed from the water by the end of a fishing period. Gillnets must be set at least 250 feet apart at all times. One exception is that nets must be 600 feet apart in the Eastern, General, Kustatan, Kalgin Island, Lower, Western, and Chinitna Bay subdistricts during personal use only periods. A legal dip net has been defined in regulation 5 AAC 39.105 (24).

1995 Tyonek Subsistence Salmon Fishery

The present subsistence fishery in the Tyonek Subdistrict was created by an Anchorage Superior Court order in May 1980 (Fall and Stanek 1990). In March 1981, the Board of Fisheries adopted permanent regulations for this fishery. Originally open only to those individuals living in the village of Tyonek, recent court decisions allow any Alaska resident to participate, although very few non-villagers seek permits. Fishing is allowed only in the Tyonek Subdistrict of the Northern District. Only one permit is allowed per household and each permit holder is allowed a single ten-fathom gillnet having a mesh size no greater than six inches. Fishing is allowed from 4:00 a.m. to 8:00 p.m. each Tuesday, Thursday and Friday from May 15 to June 15 or until 4,200 chinook salmon are taken. Fishing is again allowed from 6:00 a.m. to 6:00 p.m. each Saturday after June 15, though the opening is delayed until July 1 if 4,200 chinook salmon were taken before June 16. The permit allows 25 salmon per permit holder and 10 salmon for each additional member. Chinook salmon harvests have ranged from 797 in 1990 to 2,750 in 1983 (Appendix A.15). The total reported harvest for the 1995 season was 1,271 chinook, 45 sockeye, 123 coho, 14 pink, and 15 chum salmon (Stanek 1995).

1995 Personal Use Fishery

Just prior to the start of the 1995 fishing season the Alaska Supreme Court ruled in Kenaitze versus Alaska overturning the lower court ruling and reestablishing the Anchorage-Mat-Su-Kenai non-subsistence area. The Board of Fisheries convened an emergency meeting by teleconference to close subsistence fisheries in the non-subsistence area. At this emergency meeting the Board of Fisheries delegated authority to the commissioner to readopt the Upper Cook Inlet Subsistence Salmon Management Plan as a personal use fishery. The result of this action was that 5 AAC 77.540 *Upper Cook Inlet Personal Use Salmon Fishery Management Plan* was established in regulation. The fishing schedule was fixed in regulation on select Wednesdays and Saturdays from late May to the end of September. Approximately 9,300 permits were issued for the 1995 season and 4,816 (52%) of these permits were returned as required. The total reported harvest for the 1995 season was 77,391 salmon (Table 15). The majority of harvest was from the east side of the Central District and from Knik Arm of the Northern District.

UPPER COOK INLET EDUCATIONAL FISHERIES

Several permits for fishing have been issued to Alaska Native groups in Cook Inlet. The first was to the Kenaitze Tribe under the terms of an injunction negotiated between the State of Alaska and the tribe in 1989. Prior to the start of the 1993 fishing season the Superior Court ordered the department to create educational fisheries for the Kenaitze Indian Tribe, the Ninilchik Traditional Council, the Native Village of Eklutna, and the Knik Tribal Council. These have been renewed annually under the Alaska Administrative Code 5 Article 2 *Educational Fishery Program*.

Kenaitze Tribal Fishery

The Kenaitze Tribal fishery was first allowed in 1989 and has continued through 1995. The Kenaitze Tribe was issued a single permit allowing the bearer, who must be a tribal member living in Game Management Unit 7 or 15 (the Kenai Peninsula), to operate a single 10-fathom set gillnet having a mesh size no greater than 8.5 inches in Kenai River downstream from a point one-quarter mile above Warren Ames Bridge and including those marine waters adjacent to the river mouth normally closed to commercial salmon fishing. Fishing dates have varied and in 1995 fishing was permitted 24-hours a day from May 1 to October 15. Fishing was to cease when a total of 5,000 salmon had been harvested. A total harvest quota of 300 chinook salmon was also in effect after which all chinook salmon would be released alive. A third provision of this permit allowed for a harvest quota of no more than 500 coho salmon taken after September 15 which was increased to 800 on October 10, 1995.

Fishing occurs primarily in marine waters south of the mouth of Kenai River and occasionally in an area known as the "Birches", a prominent stand of birch trees on the south bank of the river immediately upstream of the Warren Ames Bridge. The tribal office reported the 1995 harvest as totaling 40 chinook, 1,498 sockeye, 35 pink and 868 coho salmon.

Ninilchik Traditional Council Fishery

Under the terms of a permit first issued in 1993, Alaska residents accompanied by a Ninilchik Traditional Council member may participate in this fishery. The permit allows the council to operate a single 10-fathom set gillnet having a mesh size no greater than 6.0 inches in the waters of Cook Inlet between a point 100 yards north of the Ninilchik small boat harbor entrance and the latitude of the commercial fisheries marker located approximately 1 statute mile north of the Ninilchik small boat harbor entrance and extending one-forth of a mile offshore. A traditional stick fence weir was also permitted within Ninilchik River on May 31 to harvest up to 20 chinook salmon. Fishing time has varied and in 1995 was permitted 24-hours a day from May 8 to September 30. Fishing was

to cease when a total of 2,000 salmon had been harvested, with no more than 250 being coho salmon and 100 being chinook salmon. Only 50 chinook salmon could be harvested prior to July 21 with an additional 50 chinook salmon harvested after July 21 if the projected spawning escapement into the Kenai River exceeds 22,300 chinook salmon. The harvest for the 1995 season totaled 77 chinook, 229 sockeye, 85 coho and 23 pink salmon.

Native Village Of Eklutna Fishery

Under the terms of a permit first issued in 1993, Alaska residents accompanied by a Eklutna native village member may participate in this fishery. The permit allows the village to operate a single 10-fathom set gillnet having a mesh size no greater than 6.0 inches, in Knik Arm adjacent to the village site or in those waters within one mile from mean high water in an area from Goose Bay Creek north to Fish Creek. Fishing time has varied and in 1995 fishing was permitted 24-hours a day from June 1 to September 30 with the exception of closures in the Fish Creek area during commercial periods. In addition no fishing was permitted in the Fish Creek area after July 26. A harvest quota of 1,000 salmon, no more than 250 of which could be coho salmon was placed on this fishery. Additionally, this harvest quota was divided equally between each fishing location so that no more than 500 salmon and 125 coho salmon could be taken at Fish Creek or at the village site. The harvest for the 1995 season totaled 5 chinook, 21 sockeye, 1 coho and 1 chum salmon.

Knik Tribal Council Fishery

Under the terms of a permit first issued in 1993, Alaska residents accompanied by a Knik Tribal Council member may participate in this fishery. The permit allows the village to operate a single 10-fathom set gillnet having a mesh size no greater than 6.0 inches in Knik Arm adjacent to the village site or in those waters within one mile from mean high water in an area from Goose Bay Creek to Fish Creek. Fishing time has varied and in 1995 fishing was permitted 24-hours a day from June 6 to September 30. A harvest quota of 1,000 salmon, no more than 250 of which could be coho salmon was placed on this fishery. Additionally, this harvest quota was divided equally between each fishing location so that no more than 500 salmon and 125 coho salmon could be taken at Fish Creek or at the village site. Harvests have been 200 salmon for 1993, 29 salmon for 1994 and 155 salmon 1995. The permittee did not report harvest by species.

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Table 1. Offshore sockeye salmon testfishing results, F/V *Corrina Kay*, 1995.

DATE	NUMBER OF STATIONS	FISHING TIME (min)	CATCH	CUMULATIVE CATCH	INDEX	CUMULATIVE INDEX	MEAN LENGTH (mm)	MEAN WEIGHT (kgs)	WATER TEMP (c)	AIR TEMP (c)	SALINITY (ppm)	BEGINNING WIND VEL DIR	ENDING WIND VEL DIR
7/01	6	228.5	23	23	17.900	17.900	528.	.00	8.2	12.5	29.3	0	0
7/02	5	188.0	10	33	7.722	25.622	525.	.00	7.9	11.8	30.1	0	0
7/03	6	230.0	96	129	64.700	90.322	0.	.00	8.3	11.3	29.3	0	10 SE
7/04	5	190.0	30	159	22.000	112.322	525.	.00	8.1	11.6	29.4	8 SE	5 SE
7/05	6	230.5	8	167	5.900	118.222	535.	.00	9.1	14.5	28.6	12 SE	12 SE
7/06	5	200.0	88	255	61.757	179.979	528.	.00	9.1	13.0	28.1	20 SE	5 SW
7/07	6	231.5	67	322	50.600	230.579	542.	.00	9.8	14.0	27.7	5 NW	0
7/08	5	190.5	51	373	39.600	270.179	530.	.00	8.8	12.4	28.4	5 S	5 SW
7/09	6	238.5	107	480	68.359	338.538	543.	.00	9.2	13.7	28.0	0	0
7/10	5	184.0	135	615	100.320	438.858	541.	.00	8.9	12.0	27.6	0	10 NW
7/11	6	244.0	271	886	169.700	608.558	561.	.00	8.5	14.0	28.6	0	0
7/12	5	195.5	52	938	37.622	646.180	563.	.00	9.0	12.2	28.0	10 N	5 N
7/13	6	253.0	139	1077	81.150	727.330	564.	.00	9.4	14.2	27.5	5 N	5 NE
7/14	5	207.0	104	1181	74.100	801.430	535.	.00	9.4	12.2	27.4	15 SE	0
7/15	5	264.0	600	1781	269.750	1071.180	558.	.00	9.4	13.0	27.1	20 NW	25 N
7/16	5	189.5	64	1845	47.123	1118.303	573.	.00	9.1	11.4	27.0	20 NW	25 NW
7/17	6	255.0	118	1963	62.500	1180.803	558.	.00	9.6	15.2	26.3	0	20 SW
7/18	5	196.5	62	2025	42.989	1223.792	557.	.00	9.1	13.0	26.3	10 SE	5 SE
7/19	6	225.5	44	2069	33.100	1256.892	555.	.00	10.3	16.0	25.3	0	0
7/20	5	189.0	48	2117	33.000	1289.892	567.	.00	10.4	13.0	25.3	0	0
7/21	6	249.0	132	2249	83.260	1373.152	572.	.00	11.0	13.0	23.8	0	20 SE
7/22	5	218.0	108	2357	69.900	1443.052	0.	.00	10.7	13.4	23.6	30 SW	20 S
7/23	6	239.0	68	2425	49.400	1492.452	550.	.00	10.2	12.0	23.9	15 NW	15 N
7/24	5	198.5	104	2529	73.083	1565.535	564.	.00	10.3	12.0	23.6	18 N	5 N
7/25	6	235.0	43	2572	31.945	1597.480	566.	.00	10.5	13.2	23.8	0	5 SW
7/26	5	163.0	4	2576	3.244	1600.724	520.	.00	10.5	12.6	23.6	5 SW	5 SW
7/27	6	231.5	53	2629	39.160	1639.884	561.	.00	10.3	15.8	24.5	10 SE	5 SE
7/28	5	183.5	20	2649	16.200	1656.084	563.	.00	10.8	13.4	23.1	20 SW	5 SW
7/29	1	43.0	28	2677	19.500	1675.584	569.	.00	10.0	12.0	24.0	25 NW	25 NW
7/30	5	179.0	43	2720	35.957	1711.541	566.	.00	10.1	12.6	23.0	5 N	0
TOTAL	159								9.5	13.1	26.5		

Table 2. Sockeye salmon enumeration by river and date, 1995.

Date	KENAI RIVER daily	KENAI RIVER cumulative	KASILOF RIVER daily	KASILOF RIVER cumulative	CRESCENT RIVER daily	CRESCENT RIVER cumulative	YENTNA RIVER daily	YENTNA RIVER cumulative	FISH CREEK daily	FISH CREEK cumulative	PACKERS CREEK daily	PACKERS CREEK cumulative
6-15			155	155							281	882
6-16			225	380							123	1,005
6-17			378	758							69	1,074
6-18			522	1,280							57	1,131
6-19			720	2,000							82	1,213
6-20			1,276	3,276							31	1,244
6-21			1,709	4,985							148	1,392
6-22			1,525	6,510							0	1,392
6-23			1,648	8,158							93	1,485
6-24			1,380	9,538							18	1,503
6-25			2,541	12,079							67	1,570
6-26			2,472	14,551							126	1,696
6-27			3,555	18,106							84	1,780
6-28			6,504	24,610	5	5					355	2,135
6-29			9,396	34,006	14	19					82	2,217
6-30			6,069	40,075	65	84					0	2,217
7-01	1,844	1,844	4,107	44,182	45	129					52	2,269
7-02	1,316	3,160	2,744	46,926	44	173					0	2,269
7-03	1,166	4,326	2,510	49,436	143	316					89	2,358
7-04	822	5,148	1,382	50,818	184	500					37	2,395
7-05	1,717	6,865	3,572	54,390	151	651					41	2,436
7-06	1,956	8,821	5,585	59,975	514	1,165					44	2,480
7-07	3,640	12,461	4,627	64,602	337	1,502	69	69	0	0	162	2,642
7-08	1,276	13,737	1,438	66,040	1,235	2,737	72	141	0	0	401	3,043
7-09	355	14,092	2,679	68,719	1,571	4,308	104	245	32	32	23	3,066
7-10	1,841	15,933	3,945	72,664	1,233	5,541	125	370	113	145	125	3,191
7-11	1,612	17,545	934	73,598	1,373	6,914	138	508	0	145	24	3,215
7-12	858	18,403	1,114	74,712	1,952	8,866	135	643	24	169	123	3,338
7-13	1,070	19,473	1,636	76,348	1,820	10,686	57	700	667	836	81	3,419
7-14	1,415	20,888	2,998	79,346	2,411	13,097	59	759	442	1,278	272	3,692
7-15	1,132	22,020	1,599	80,945	1,618	14,715	35	794	523	1,801	46	3,740
7-16	2,033	24,053	18,834	99,779	1,855	16,570	51	845	504	2,305	164	3,907
7-17	27,278	51,331	26,895	126,674	2,492	19,062	590	1,435	168	2,473	155	4,062
7-18	31,120	82,451	4,621	131,295	1,886	20,948	1,264	2,699	809	3,282	89	4,151
7-19	34,005	116,456	5,299	136,594	850	21,798	5,514	8,213	3,940	7,222	102	4,253
7-20	36,538	152,994	4,404	140,998	1,194	22,992	11,216	19,429	3,285	10,507	33	4,286
7-21	54,620	207,614	3,220	144,218	2,849	25,841	11,046	30,475	6,299	16,806	48	4,334
7-22	31,628	239,242	10,168	154,386	5,432	31,273	10,154	40,629	19,784	36,590	413	4,747
7-23	47,147	286,389	11,093	165,479	3,263	34,536	5,141	45,770	19,949	56,539	957	5,704
7-24	57,382	343,771	12,351	177,830	1,647	36,183	5,900	51,670	5,302	61,841	606	6,310
7-25	62,716	406,487	3,057	180,887	1,740	37,923	8,422	60,092	13,683	75,524	1,789	8,099
7-26	37,485	443,972	3,166	184,053	1,601	39,524	10,210	70,302	5,273	80,797	973	9,072
7-27	26,571	470,543	4,308	188,361	1,159	40,683	11,894	82,196	104	80,901	27	9,099
7-28	21,420	491,963	1,713	190,074	1,298	41,981	7,921	90,117	10,108	91,009	249	9,348
7-29	8,641	500,604	1,268	191,342	1,646	43,627	6,403	96,520	2,630	93,639	613	9,961
7-30	3,651	504,255	1,056	192,398	2,547	46,174	4,294	100,814	1,979	95,618	471	10,432
7-31	4,480	508,735	1,309	193,707	736	46,910	2,428	103,242	4,790	100,408	668	11,100
8-01	6,982	515,717	1,033	194,740	550	47,460	2,861	106,103	2,960	103,368	630	11,730
8-02	2,783	518,500	1,206	195,946	418	47,878	2,665	108,768	1,786	105,154	629	12,359
8-03	8,406	526,906	2,734	198,680	1,218	49,096	2,185	110,953	214	105,368	401	12,760
8-04	30,503	557,409	2,913	201,593	1,314	50,410	1,497	112,450	5,607	110,975	244	13,004
8-05	12,883	570,292	955	202,548	846	51,256	2,033	114,483	607	111,582	70	13,074
8-06	2,561	572,853	1,021	203,569	381	51,637	3,759	118,242	104	111,686	208	13,282
8-07	12,487	585,340	1,366	204,935	312	51,949	1,755	119,997	226	111,912	644	13,926
8-08	6,057	591,397			362	52,311	275	120,272	388	112,300	43	13,969
8-09	7,266	598,663					444	120,716	259	112,559	137	14,106
8-10	6,824	605,487					504	121,220	1,119	113,678	737	14,843
8-11	9,574	615,061							919	114,597	110	14,953
8-12	5,821	620,882							274	114,871	77	15,030
8-13	3,600	624,482							58	114,929	430	15,460
8-14	5,965	630,447							172	115,101	986	16,446
8-15											1,002	17,448
8-16											757	18,205
8-17											440	18,645
8-18											168	18,813
8-19											136	18,949
8-20											779	19,728
												29,126

Table 3. Commercial chinook salmon catch by area and date, Upper Cook Inlet, 1995.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET								WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET			
			SALAMATOF		K-BEACH		COHOE/NINILCHIK		TOTAL										WEST SIDE		EAST SIDE	
	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum
6-02													23	23								
6-05													77	100					3,055	3,055	782	782
6-07													4	104						3,055		782
6-09													56	160						3,055		782
6-12													16	176						3,055		782
6-16											14	14	1	177						3,055		782
6-19											39	53	8	185						3,055		782
6-21												53	1	186						3,055		782
6-23											60	113		186						3,055		782
6-26	12	12									4	117		186	1	1			60	3,115	28	810
6-30	39	51									258	375	2	188	6	7			19	3,134	9	819
7-03	79	130	116	116	243	243	475	475	834	834	319	694	3	191	5	12	1	1	28	3,162	5	824
7-07	58	188	150	266	482	725	430	905	1,062	1,896	161	855	3	194	8	20		1	21	3,183	8	832
7-10	158	346	159	425	338	1,063	401	1,306	898	2,794		855		194	10	30	2	3	21	3,204	2	834
7-14	61	407	254	679	484	1,547	452	1,758	1,190	3,984	2	857	2	196	1	31		3	7	3,211	6	840
7-16		407		679		1,547		1,758		3,984		857		196		31		3	4	3,215		840
7-17	26	433	225	904	420	1,967	402	2,160	1,047	5,031		857		196	4	35		3	24	3,239	1	841
7-18		433		904	116	2,083	380	2,540	496	5,527		857		196		35		3	1	3,240		841
7-19		433		904	75	2,158	451	2,991	526	6,053		857		196		35		3		3,240		841
7-20		433		904	102	2,260	378	3,369	480	6,533		857		196		35		3		3,240		841
7-21	23	456	164	1,068	167	2,427	415	3,784	746	7,279		857		196	2	37		3	10	3,250	1	842
7-23		456		1,068		2,427		3,784		7,279		857		196		37		3		3,250		842
7-24	5	461	178	1,246	293	2,720	157	3,941	628	7,907		857		196		37	1	4		3,250		842
7-25	13	474	261	1,507	362	3,082	213	4,154	836	8,743		857		196		37		4		3,250		842
7-27	22	496	72	1,579	240	3,322	220	4,374	532	9,275		857		196		37		4		3,250		842
7-28	10	506	146	1,725	252	3,574	229	4,603	627	9,902		857		196	2	39		4	2	3,252	3	845
7-29	2	508	100	1,825	149	3,723	190	4,793	439	10,341		857		196		39		4		3,252		845
7-30	6	514	67	1,892	149	3,872	144	4,937	360	10,701		857		196		39		4		3,252		845
7-31	2	516	64	1,956	95	3,967	163	5,100	322	11,023		857	1	197		39		4	6	3,258		845
8-01		516	48	2,004	57	4,024	113	5,213	218	11,241		857		197		39		4		3,258		845
8-02		516		2,004		4,024		5,213		11,241		857		197		39		4		3,258		845
8-04	2	518	32	2,036	87	4,111	71	5,284	190	11,431	1	858		197		39		4		3,258	1	846
8-05		518	53	2,089	108	4,219	140	5,424	301	11,732		858		197		39		4		3,258		846
8-07	2	520	21	2,110	47	4,266	38	5,462	106	11,838		858		197		39		4	1	3,259		846
8-09		520		2,110		4,266		5,462		11,838		858		197		39		4		3,259		846
8-11	1	521	14	2,124	47	4,313	42	5,504	103	11,941		858		197		39		4	1	3,260		846
8-14	2	523	15	2,139	45	4,358	31	5,535	91	12,032		858	1	198	1	40		4	21	3,281	1	847
8-16		523		2,139		4,358		5,535		12,032		858		198		40		4		3,281		847
8-18		523		2,139		4,358		5,535		12,032	1	859		198		40		4	1	3,282		847
8-21		523		2,139		4,358		5,535		12,032		859		198		40	2	6		3,282		847
8-23		523		2,139		4,358		5,535		12,032		859		198		40		6		3,282		847
8-25		523		2,139		4,358		5,535		12,032		859		198		40		6		3,282		847
8-28		523		2,139		4,358		5,535		12,032		859		198		40		6		3,282		847
8-30		523		2,139		4,358		5,535		12,032		859		198		40		6		3,282		847
9-01		523		2,139		4,358		5,535		12,032		859		198		40		6		3,282	1	848

Table 4. Commercial sockeye salmon catch by area and date, Upper Cook Inlet, 1995.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET								WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET			
			SALAMATOF		K-BEACH		COHOE/NINILCHIK		TOTAL										WEST SIDE		EAST SIDE	
	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum
6-02													485	485								
6-05													1,233	1,718					51	51	356	356
6-07													408	2,126						51		356
6-09													1,078	3,204						51		356
6-12													316	3,520						51		356
6-16											32	32	205	3,725						51		356
6-19											90	122	140	3,865						51		356
6-21												122	66	3,931						51		356
6-23											87	209	20	3,951						51		356
6-26	3,038	3,038									34	243		3,951	432	432	318	318	39	90	322	678
6-30	22,275	25,313									544	787	74	4,025	2,013	2,445	243	561	62	152	753	1,431
7-03	48,490	73,803	1,248	1,248	4,238	4,238	16,493	16,493	21,979	21,979	807	1,594	135	4,160	1,423	3,868	120	681	139	291	606	2,037
7-07	225,013	298,816	2,865	4,113	5,014	9,252	15,067	31,560	22,946	44,925	1,072	2,666	188	4,348	1,196	5,064	127	808	803	1,094	1,836	3,873
7-10	225,621	524,437	963	5,076	2,328	11,580	12,876	44,436	16,167	61,092	250	2,916	78	4,426	737	5,801	49	857	1,177	2,271	671	4,544
7-14	19,231	543,668	2,164	7,240	4,673	16,253	13,352	57,788	20,189	81,281	406	3,322	196	4,622	1,717	7,518	109	966	299	2,570	337	4,881
7-16		543,668		7,240		16,253		57,788		81,281		3,322		4,622		7,518		966	484	3,054		4,881
7-17	462,625	1,006,293	41,989	49,229	49,620	65,873	55,249	113,037	146,858	228,139	1,121	4,443	467	5,089	2,016	9,534	53	1,019	13,589	16,643	3,999	8,880
7-18		1,006,293		49,229	26,229	92,102	45,574	158,611	71,803	299,942		4,443		5,089		9,534		1,019	3,349	19,992		8,880
7-19		1,006,293		49,229	26,931	119,033	32,508	191,119	59,439	359,381		4,443		5,089		9,534		1,019		19,992		8,880
7-20		1,006,293		49,229	17,360	136,393	16,085	207,204	33,445	392,826		4,443		5,089		9,534		1,019		19,992		8,880
7-21	338,913	1,345,206	29,355	78,584	41,768	178,161	32,123	239,327	103,246	496,072	1,448	5,891	915	6,004	7,739	17,273	21	1,040	16,176	36,168	5,181	14,061
7-23		1,345,206		78,584		178,161		239,327		496,072		5,891		6,004		17,273		1,040	10,005	46,173		14,061
7-24	133,462	1,478,668	20,555	99,139	26,694	204,855	67,111	306,438	114,360	610,432	3,350	9,241	467	6,471	9,220	26,493	51	1,091		46,173		14,061
7-25	20,872	1,499,540	12,847	111,986	14,815	219,670	14,763	321,201	42,425	652,857		9,241		6,471		26,493		1,091	5,639	51,812		14,061
7-27	39,724	1,539,264	22,321	134,307	14,112	233,782	17,232	338,433	53,665	706,522		9,241		6,471		26,493		1,091		51,812		14,061
7-28	124,231	1,663,495	25,125	159,432	26,908	260,690	14,722	353,155	66,755	773,277	2,406	11,647	589	7,060	5,913	32,406	11	1,102	12,850	64,662	1,805	15,866
7-29	3,024	1,666,519	5,792	165,224	8,729	269,419	10,940	364,095	25,461	798,738		11,647		7,060	1,897	34,303		1,102		64,662		15,866
7-30	7,846	1,674,365	6,374	171,598	10,886	280,305	10,002	374,097	27,262	826,000		11,647		7,060		34,303		1,102		64,662		15,866
7-31	56,522	1,730,887	11,753	183,351	18,427	298,732	11,784	385,881	41,964	867,964	1,502	13,149	539	7,599	4,449	38,752	23	1,125	5,226	69,888	1,058	16,924
8-01	668	1,731,555	5,647	188,998	4,368	303,100	6,293	392,174	16,308	884,272		13,149		7,599		38,752		1,125		69,888		16,924
8-02		1,731,555		188,998		303,100		392,174		884,272		13,149		7,599	3,101	41,853		1,125		69,888		16,924
8-04	19,361	1,750,916	15,530	204,528	7,641	310,741	3,695	395,869	26,866	911,138	1,939	15,088	199	7,798	5,371	47,224	14	1,139	8,328	78,216	2,163	19,087
8-05	103	1,751,019	5,311	209,839	3,502	314,243	2,406	398,275	11,219	922,357		15,088		7,798		47,224		1,139		78,216		19,087
8-07	15,251	1,766,270	3,942	213,781	3,520	317,763	4,020	402,295	11,482	933,839	1,327	16,415	185	7,983	3,742	50,966	9	1,148	2,763	80,979	1,024	20,111
8-09		1,766,270		213,781		317,763		402,295		933,839		16,415		7,983	4,214	55,180		1,148		80,979		20,111
8-11	4,797	1,771,067	5,427	219,208	2,987	320,750	4,122	406,417	12,536	946,375	823	17,238	153	8,136	3,230	58,410	32	1,180	1,827	82,806	848	20,959
8-14	2,130	1,773,197	5,765	224,973	2,447	323,197	6,629	413,046	14,841	961,216	720	17,958	69	8,205	4,213	62,623	2	1,182	1,118	83,924	587	21,546
8-16		1,773,197		224,973		323,197		413,046		961,216		17,958		8,205	1,885	64,508		1,182		83,924		21,546
8-18	58	1,773,255		224,973		323,197		413,046		961,216	678	18,636	169	8,374	2,468	66,976	333	1,515	784	84,708	629	22,175
8-21	7	1,773,262		224,973		323,197		413,046		961,216	378	19,014	47	8,421	3,258	70,234	171	1,686	520	85,228	388	22,563
8-23	7	1,773,269		224,973		323,197		413,046		961,216	161	19,175		8,421	2,560	72,794		1,686		85,228		22,563
8-25	2	1,773,271		224,973		323,197		413,046		961,216	105	19,280		8,421	1,390	74,184	68	1,754	147	85,375	364	22,927
8-28	10	1,773,281		224,973		323,197		413,046		961,216	52	19,332		8,421	1,649	75,833	37	1,791	472	85,847	83	23,010
8-30		1,773,281		224,973		323,197		413,046		961,216	29	19,361		8,421	421	76,254		1,791		85,847		23,010
9-01		1,773,281		224,973		323,197		413,046		961,216	66	19,427		8,421	1,079	77,333	4	1,795	14	85,861	114	23,124
9-04		1,773,281		224,973		323,197		413,046		961,216	17	19,444		8,421	864	78,197	18	1,813	4	85,865	88	23,212
9-08		1,773,281		224,973		323,197		413,046		961,216		19,444		8,421	89	78,286	3	1,816		85,865	17	23,229
9-11		1,773,281		224,973		323,197		413,046		961,216		19,444		8,421	128	78,414		1,816		85,865	4	23,233
9-15		1,773,281		224,973		323,197		413,046		961,216		19,444		8,421	137	78,551		1,816		85,865		23,233

Table 5. Commercial coho salmon catch by area and date, Upper Cook Inlet, 1995.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET								WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET			
			SALAMATOF		K-BEACH		COHOE/NINILCHIK		TOTAL										WEST SIDE		EAST SIDE	
	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum
6-02																						
6-05																						
6-07																						
6-09																						
6-12																						
6-16																						
6-19																						
6-21																						
6-23																						
6-26	22	22													1	1						
6-30	921	943									5	5	10	10	63	64	3	3	7	7	20	20
7-03	5,818	6,761	63	63	44	44	78	78	185	185	50	55	52	62	251	315	7	10	102	109	28	48
7-07	18,140	24,901	234	297	72	116	172	250	478	663	109	164	484	546	1,332	1,647	22	32	2,308	2,417	197	245
7-10	26,112	51,013	70	367	60	176	30	280	160	823	51	215	71	617	558	2,205	31	63	2,087	4,504	125	370
7-14	1,523	52,536	1,680	2,047	816	992	202	482	2,698	3,521	80	295	861	1,478	2,345	4,550	77	140	3,437	7,941	187	557
7-16		52,536		2,047		992		482		3,521		295		1,478		4,550		140	355	8,296		557
7-17	56,387	108,923	1,083	3,130	1,666	2,658	444	926	3,193	6,714	548	843	633	2,111	2,612	7,162	91	231	12,006	20,302	564	1,121
7-18		108,923		3,130	170	2,828	157	1,083	327	7,041		843		2,111		7,162		231	361	20,663		1,121
7-19		108,923		3,130	114	2,942	182	1,265	296	7,337		843		2,111		7,162		231		20,663		1,121
7-20		108,923		3,130	222	3,164	306	1,571	528	7,865		843		2,111		7,162		231		20,663		1,121
7-21	36,032	144,955	1,332	4,462	486	3,650	374	1,945	2,192	10,057	597	1,440	2,829	4,940	9,523	16,685	82	313	19,131	39,794	1,410	2,531
7-23		144,955		4,462		3,650		1,945		10,057		1,440		4,940		16,685		313	757	40,551		2,531
7-24	17,287	162,242	2,423	6,885	625	4,275	1,605	3,550	4,653	14,710	755	2,195	1,114	6,054	3,588	20,273	131	444		40,551		2,531
7-25	839	163,081	743	7,628	497	4,772	533	4,083	1,773	16,483		2,195		6,054		20,273		444	526	41,077		2,531
7-27	4,799	167,880	602	8,230	312	5,084	1,080	5,163	1,994	18,477		2,195		6,054		20,273		444		41,077		2,531
7-28	22,963	190,843	1,002	9,232	653	5,737	868	6,031	2,523	21,000	978	3,173	972	7,026	3,135	23,408	57	501	11,071	52,148	574	3,105
7-29	483	191,326	887	10,119	395	6,132	830	6,861	2,112	23,112		3,173		7,026	213	23,621		501		52,148		3,105
7-30	595	191,921	597	10,716	549	6,681	564	7,425	1,710	24,822		3,173		7,026		23,621		501		52,148		3,105
7-31	13,450	205,371	1,199	11,915	761	7,442	1,050	8,475	3,010	27,832	1,415	4,588	837	7,863	1,923	25,544	201	702	5,754	57,902	385	3,490
8-01	40	205,411	548	12,463	252	7,694	562	9,037	1,362	29,194		4,588		7,863		25,544		702		57,902		3,490
8-02		205,411		12,463		7,694		9,037		29,194		4,588		7,863	588	26,132		702		57,902		3,490
8-04	15,342	220,753	823	13,286	992	8,686	1,001	10,038	2,816	32,010	1,845	6,433	429	8,292	2,157	28,289	100	802	4,764	62,666	472	3,962
8-05	120	220,873	1,036	14,322	851	9,537	1,174	11,212	3,061	35,071		6,433		8,292		28,289		802		62,666		3,962
8-07	4,558	225,431	834	15,156	614	10,151	646	11,858	2,094	37,165	1,411	7,844	403	8,695	938	29,227	100	902	4,333	66,999	894	4,856
8-09		225,431		15,156		10,151		11,858		37,165		7,844		8,695	790	30,017		902		66,999		4,856
8-11	3,493	228,924	1,169	16,325	1,007	11,158	1,089	12,947	3,265	40,430	1,437	9,281	386	9,081	673	30,690	183	1,085	2,458	69,457	788	5,644
8-14	2,256	231,180	1,289	17,614	984	12,142	2,047	14,994	4,320	44,750	1,846	11,127	297	9,378	797	31,487	384	1,469	2,004	71,461	883	6,527
8-16		231,180		17,614		12,142		14,994		44,750		11,127		9,378	561	32,048		1,469		71,461		6,527
8-18	392	231,572		17,614		12,142		14,994		44,750	2,976	14,103	167	9,545	775	32,823	2,323	3,792	2,147	73,608	1,860	8,387
8-21	568	232,140		17,614		12,142		14,994		44,750	3,045	17,148	214	9,759	1,066	33,889	1,677	5,469	1,289	74,897	1,368	9,755
8-23	789	232,929		17,614		12,142		14,994		44,750	1,746	18,894		9,759	727	34,616		5,469		74,897		9,755
8-25	582	233,511		17,614		12,142		14,994		44,750	922	19,816		9,759	87	34,703	2,538	8,007	904	75,801	1,126	10,881
8-28	500	234,011		17,614		12,142		14,994		44,750	666	20,482		9,759	360	35,063	1,656	9,663	987	76,788	177	11,058
8-30		234,011		17,614		12,142		14,994		44,750	736	21,218		9,759	68	35,131		9,663		76,788		11,058
9-01	115	234,126		17,614		12,142		14,994		44,750	1,333	22,551		9,759	212	35,343	722	10,385	260	77,048	533	11,591
9-04		234,126		17,614		12,142		14,994		44,750	270	22,821		9,759	142	35,485	181	10,566	264	77,312	296	11,887
9-08		234,126		17,614		12,142		14,994		44,750		22,821		9,759	32	35,517	45	10,611		77,312	69	11,956
9-11		234,126		17,614		12,142		14,994		44,750		22,821		9,759	27	35,544		10,611		77,312	12	11,968
9-15		234,126		17,614		12,142		14,994		44,750		22,821		9,759	43	35,587		10,611		77,312	20	11,988

Table 6. Commercial pink salmon catch by area and date, Upper Cook Inlet, 1995.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET								WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET			
			SALAMATOF		K-BEACH		COHOE/NINILCHIK		TOTAL										WEST SIDE		EAST SIDE	
	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum
6-02																					1	1
6-05																						
6-07																						
6-09																						
6-12																						
6-16																						
6-19																						
6-21																						
6-23																						
6-26	22	22																			1	1
6-30	231	253									9	9			14	14					18	19
7-03	812	1,065	71	71	45	45	324	324	440	440	18	27	1	1	20	34	9	9	26	26	65	84
7-07	1,960	3,025	340	411	89	134	619	943	1,048	1,488	62	89	18	19	97	131	8	17	104	130	285	369
7-10	3,424	6,449	368	779	298	432	2,161	3,104	2,827	4,315	58	147	15	34	196	327	31	48	392	522	358	727
7-14	2,861	9,310	772	1,551	1,087	1,519	2,488	5,592	4,347	8,662	42	189	23	57	82	409	28	76	340	862	441	1,168
7-16		9,310		1,551		1,519		5,592		8,662		189		57		409		76	21	883		1,168
7-17	11,022	20,332	570	2,121	541	2,060	3,130	8,722	4,241	12,903	78	267	44	101	234	643	42	118	1,382	2,265	307	1,475
7-18		20,332		2,121	353	2,413	2,340	11,062	2,693	15,596		267		101		643		118	36	2,301		1,475
7-19		20,332		2,121	218	2,631	3,544	14,606	3,762	19,358		267		101		643		118		2,301		1,475
7-20		20,332		2,121	243	2,874	3,992	18,598	4,235	23,593		267		101		643		118		2,301		1,475
7-21	17,515	37,847	1,052	3,173	447	3,321	4,975	23,573	6,474	30,067	97	364	61	162	400	1,043	32	150	3,138	5,439	931	2,406
7-23		37,847		3,173		3,321		23,573		30,067		364		162		1,043		150	5	5,444		2,406
7-24	14,792	52,639	1,319	4,492	822	4,143	5,507	29,080	7,648	37,715	94	458	76	238	339	1,382	70	220		5,444		2,406
7-25	2,224	54,863	1,288	5,780	1,676	5,819	3,860	32,940	6,824	44,539		458		238		1,382		220	10	5,454		2,406
7-27	2,296	57,159	573	6,353	305	6,124	1,657	34,597	2,535	47,074		458		238		1,382		220		5,454		2,406
7-28	4,341	61,500	410	6,763	481	6,605	1,140	35,737	2,031	49,105	53	511	11	249	154	1,536	42	262	1,530	6,984	291	2,697
7-29	292	61,792	386	7,149	305	6,910	1,288	37,025	1,979	51,084		511		249	9	1,545		262		6,984		2,697
7-30	159	61,951	263	7,412	141	7,051	369	37,394	773	51,857		511		249		1,545		262		6,984		2,697
7-31	1,357	63,308	219	7,631	135	7,186	276	37,670	630	52,487	94	605	13	262	110	1,655	35	297	1,088	8,072	149	2,846
8-01	38	63,346	108	7,739	61	7,247	276	37,946	445	52,932		605		262		1,655		297		8,072		2,846
8-02		63,346		7,739		7,247		37,946		52,932		605		262	120	1,775		297		8,072		2,846
8-04	575	63,921	37	7,776	9	7,256	52	37,998	98	53,030	92	697	7	269	91	1,866	43	340	505	8,577	41	2,887
8-05	7	63,928	99	7,875	14	7,270	94	38,092	207	53,237		697		269		1,866		340		8,577		2,887
8-07	330	64,258	13	7,888	9	7,279	88	38,180	110	53,347	154	851	4	273	38	1,904	49	389	98	8,675	13	2,900
8-09		64,258		7,888		7,279		38,180		53,347		851		273	36	1,940		389		8,675		2,900
8-11	237	64,495	4	7,892	5	7,284	21	38,201	30	53,377	25	876	4	277	16	1,956	45	434	45	8,720	9	2,909
8-14	48	64,543	8	7,900	7	7,291	28	38,229	43	53,420	18	894	1	278	14	1,970	66	500	13	8,733	17	2,926
8-16		64,543		7,900		7,291		38,229		53,420		894		278	10	1,980		500		8,733		2,926
8-18	16	64,559		7,900		7,291		38,229		53,420	32	926	2	280	6	1,986	52	552	8	8,741	1	2,927
8-21		64,559		7,900		7,291		38,229		53,420	8	934		280	8	1,994	49	601		8,741	1	2,928
8-23	3	64,562		7,900		7,291		38,229		53,420	4	938		280	2	1,996		601		8,741		2,928
8-25		64,562		7,900		7,291		38,229		53,420	5	943		280		1,996	40	641		8,741		2,928
8-28		64,562		7,900		7,291		38,229		53,420		943		280		1,996	13	654	43	8,784	1	2,929
8-30		64,562		7,900		7,291		38,229		53,420	2	945		280		1,996		654		8,784		2,929
9-01		64,562		7,900		7,291		38,229		53,420	4	949		280		1,996	1	655		8,784		2,929

Table 7. Commercial chum salmon catch by area and date, Upper Cook Inlet, 1995.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET																NORTHERN DISTRICT SET NET			
			SALAMATOF		K-BEACH		COHOE/NINILCHIK		TOTAL		WEST SIDE		KUSTATAN		KALGIN		CHINITNA		WEST SIDE		EAST SIDE	
	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum
6-02																						
6-05																						
6-07																						
6-09																						
6-12																						
6-16																						
6-19																						
6-21																						
6-23																						
6-26	40	40									1	1										
6-30	1,546	1,586									3	4			1	1						
7-03	7,481	9,067			1	1	1	1	2	2	1	5			2	3	17	17	3	3		
7-07	25,131	34,198			1	2	15	16	16	18	28	33			1	4	38	55	285	288	24	24
7-10	51,506	85,704	2	2	1	3	33	49	36	54		33				4	33	88	256	544	52	76
7-14	3,720	89,424	267	269	71	74	24	73	362	416		33	3	3	42	46	195	283	390	934	25	101
7-16		89,424		269		74		73		416		33		3		46		283	173	1,107		101
7-17	86,542	175,966	84	353	59	133	199	272	342	758	6	39	14	17	44	90	292	575	4,609	5,716	118	219
7-18		175,966		353	13	146	17	289	30	788		39		17		90		575	131	5,847		219
7-19		175,966		353	2	148	11	300	13	801		39		17		90		575		5,847		219
7-20		175,966		353	3	151	25	325	28	829		39		17		90		575		5,847		219
7-21	57,317	233,283	41	394	6	157	94	419	141	970	23	62	91	108	90	180	124	699	6,944	12,791	958	1,177
7-23		233,283		394		157		419		970		62		108		180		699	309	13,100		1,177
7-24	69,507	302,790	189	583	55	212	297	716	541	1,511	17	79	6	114	58	238	229	928		13,100		1,177
7-25	2,361	305,151	115	698	79	291	106	822	300	1,811		79		114		238		928	405	13,505		1,177
7-27	13,005	318,156	64	762	21	312	96	918	181	1,992		79		114		238		928		13,505		1,177
7-28	64,260	382,416	203	965	55	367	105	1,023	363	2,355	27	106	1	115	14	252	496	1,424	6,567	20,072	571	1,748
7-29	917	383,333	189	1,154	16	383	50	1,073	255	2,610		106		115	3	255		1,424		20,072		1,748
7-30	2,688	386,021	178	1,332	18	401	12	1,085	208	2,818		106		115		255		1,424		20,072		1,748
7-31	36,006	422,027	269	1,601	63	464	36	1,121	368	3,186	423	529	259	374	9	264	991	2,415	5,294	25,366	201	1,949
8-01	152	422,179	75	1,676	15	479	12	1,133	102	3,288		529		374		264		2,415		25,366		1,949
8-02		422,179		1,676		479		1,133		3,288		529		374	28	292		2,415		25,366		1,949
8-04	23,398	445,577	19	1,695	1	480	7	1,140	27	3,315	546	1,075		374	54	346	1,057	3,472	6,658	32,024	168	2,117
8-05	55	445,632	28	1,723	1	481	5	1,145	34	3,349		1,075		374		346		3,472		32,024		2,117
8-07	12,291	457,923	7	1,730	2	483	29	1,174	38	3,387	409	1,484	15	389	43	389	488	3,960	3,689	35,713	120	2,237
8-09		457,923		1,730		483		1,174		3,387		1,484		389	26	415		3,960		35,713		2,237
8-11	5,903	463,826	42	1,772	95	578	23	1,197	160	3,547	174	1,658	7	396	37	452	1,341	5,301	2,335	38,048	34	2,271
8-14	3,064	466,890	26	1,798	18	596	120	1,317	164	3,711	119	1,777	9	405	42	494	1,432	6,733	1,197	39,245	51	2,322
8-16		466,890		1,798		596		1,317		3,711		1,777		405	50	544		6,733		39,245		2,322
8-18	102	466,992		1,798		596		1,317		3,711	371	2,148	16	421	116	660	1,348	8,081	1,282	40,527	21	2,343
8-21	6	466,998		1,798		596		1,317		3,711	236	2,384	19	440	48	708	686	8,767	579	41,106	13	2,356
8-23	65	467,063		1,798		596		1,317		3,711	121	2,505		440	51	759		8,767		41,106		2,356
8-25		467,063		1,798		596		1,317		3,711	80	2,585		440	11	770	1,195	9,962	64	41,170	7	2,363
8-28		467,063		1,798		596		1,317		3,711	46	2,631		440	11	781	652	10,614	95	41,265	4	2,367
8-30		467,063		1,798		596		1,317		3,711	2	2,633		440	2	783		10,614		41,265		2,367
9-01		467,063		1,798		596		1,317		3,711	27	2,660		440	1	784	411	11,025	13	41,278	10	2,377
9-04		467,063		1,798		596		1,317		3,711	2	2,662		440		784	68	11,093	4	41,282	2	2,379
9-08		467,063		1,798		596		1,317		3,711		2,662		440		784	2	11,095		41,282		2,379
9-11		467,063		1,798		596		1,317		3,711		2,662		440		784		11,095		41,282	2	2,381
9-15		467,063		1,798		596		1,317		3,711		2,662		440		784		11,095		41,282	4	2,385

Table 8. Commercial catch by gear, statistical area and species, Upper Cook Inlet, 1995.

Gear	District	Subdistrict	Stat Area	Permits	Chinook	Sockeye	Coho	Pink	Chum	Total
Drift	Central	All	All	578	594	1,773,873	241,473	64,632	468,224	2,548,796
Set Net	Central	Upper	244-21	89	3,221	137,398	6,376	18,437	351	165,783
			244-22	101	2,314	275,648	8,618	19,792	966	307,338
			244-30	183	4,358	323,197	12,142	7,291	596	347,584
			244-40	109	2,139	224,973	17,614	7,900	1,798	254,424
			All	417	12,032	961,216	44,750	53,420	3,711	1,075,129
		Kalgin Is.	246-10	24	33	49,274	24,081	1,279	632	75,299
			246-20	12	7	29,277	11,506	717	152	41,659
			All	33	40	78,551	35,587	1,996	784	116,958
		Chinitna	245-10	2	4	1,224	3,264	585	9,934	15,011
		Western	245-20	8	6	1,116	10,893	59	252	12,326
			245-30	18	758	3,746	5,778	314	2,130	12,726
			245-40	8	78	9,041	3,125	296	216	12,756
			245-50	9	17	5,541	3,025	280	64	8,927
			All	32	859	19,444	22,821	949	2,662	46,735
		Kustatan	245-55	14	188	4,497	3,629	44	11	8,369
			245-60	6	10	3,924	6,130	236	429	10,729
			All	17	198	8,421	9,759	280	440	19,098
		All	All	491	13,133	1,068,856	116,181	57,230	17,531	1,272,931
	Northern	General	247-10	25	383	4,406	9,674	543	1,677	16,683
			247-20	36	311	13,546	24,417	1,970	10,800	51,044
			247-30	32	2,396	34,156	30,964	4,426	21,819	93,761
			247-41	14	20	3,332	1,318	414	1,026	6,110
			247-42	16	50	4,920	2,928	414	1,700	10,012
			247-43	10	117	6,028	6,012	945	3,242	16,344
			247-50	19	5	19,477	1,999	72	1,018	22,571
			All	91	3,282	85,865	77,312	8,784	41,282	216,525
		Eastern	247-70	22	694	10,481	5,464	2,021	2,279	20,939
			247-80	7	113	5,014	2,980	569	74	8,750
			247-90	9	41	7,738	3,544	339	32	11,694
			All	35	848	23,233	11,988	2,929	2,385	41,383
		All	All	119	4,130	109,098	89,300	11,713	43,667	257,908
	All	All	All	603	17,263	1,177,954	205,481	68,943	61,198	1,530,839
Seine	All	All	All	0	0	0	0	0	0	0
All	All	All	All	1,181	17,857	2,951,827	446,954	133,575	529,422	4,079,635

Table 9. Commercial salmon catch per permit by statistical area, Upper Cook Inlet, 1995.

Gear	District	Subdistrict	Stat Area	Permits	Chinook	Sockeye	Coho	Pink	Chum	Total
Drift	Central	All	All	578	1	3,069	418	112	810	4,410
Set Net	Central	Upper	244-21	89	36	1,544	72	207	4	1,863
			244-22	101	23	2,729	85	196	10	3,043
			244-30	183	24	1,766	66	40	3	1,899
			244-40	109	20	2,064	162	72	16	2,334
			All	417	29	2,305	107	128	9	2,578
		Kalgin Is.	246-10	24	1	2,053	1,003	53	26	3,137
			246-20	12	1	2,440	959	60	13	3,472
			All	33	1	2,380	1,078	60	24	3,544
		Chinitna	245-10	2	2	612	1,632	293	4,967	7,506
		Western	245-20	8	1	140	1,362	7	32	1,541
			245-30	18	42	208	321	17	118	707
			245-40	8	10	1,130	391	37	27	1,595
			245-50	9	2	616	336	31	7	992
			All	32	27	608	713	30	83	1,460
		Kustatan	245-55	14	13	321	259	3	1	598
			245-60	6	2	654	1,022	39	72	1,788
			All	17	12	495	574	16	26	1,123
		All	All	491	27	2,177	237	117	36	2,593
	Northern	General	247-10	25	15	176	387	22	67	667
			247-20	36	9	376	678	55	300	1,418
			247-30	32	75	1,067	968	138	682	2,930
			247-41	14	1	238	94	30	73	436
			247-42	16	3	308	183	26	106	626
			247-43	10	12	603	601	95	324	1,634
			247-50	19	0	1,025	105	4	54	1,188
			All	91	36	944	850	97	454	2,379
		Eastern	247-70	22	32	476	248	92	104	952
			247-80	7	16	716	426	81	11	1,250
			247-90	9	5	860	394	38	4	1,299
			All	35	24	664	343	84	68	1,182
		All	All	119	35	917	750	98	367	2,167
	All	All	All	603	29	1,953	341	114	101	2,539
Seine	All	All	All	0	0	0	0	0	0	0
All	All	All	All	1,181	15	2,499	378	113	448	3,454

Table 10. Commercial fishery emergency orders issued during the 1995 Upper Cook Inlet season.

Emergency Order No.	Effective Date	Action	Reason
2S-01-95	June 12	Closed set netting in the Northern District on Monday, June 12.	Poor chinook salmon returns to many streams.
2S-02-95	June 19	Closed set netting in the Northern District on Monday, June 19.	Poor chinook salmon returns to many streams.
2S-03-95	July 10	Closed set netting in that portion of the Western Subdistrict south of Redoubt Point and drift gillnetting in that portion of the Central District west of 152 degrees 25 mnutes W.long. until further notice.	Lagging sockeye salmon escapement in the Crescent River.
2S-04-95	July 14	Closed drift gillnetting in all areas of the Central District except that portion of the Upper Subdistrict south of Colliers Dock and within 3 miles of shore on Friday, July 14.	Reduce the exploitation of Susitna-bound sockeye salmon.
2S-05-95	July 17	Opened set gillnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 7:00 pm 7/17 to 10:00 pm 7/18.	Reduce the escapement rate of Kasilof River sockeye.
2S-06-95	July 18	Opened set gillnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 10:00 pm 7/18 until 10:00 pm 7/19.	Reduce the escapment rate of Kasilof River sockeye.
2S-07-95	July 19	Opened set gillnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 10:00 pm 7/19 until 7:00 am 7/21.	Reduce the escapment rate of Kasilof River sockeye.
2S-08-95	July 24	Closed drifting north of Kalgin Island but not including the 3-mile corridor and closed set netting in the Northern District on Monday, July 24.	Lagging sockeye salmon escapement inthe Yentna River.
2S-09-95	July 24	Opened setnetting in the Upper Subdistrict from 7:00 pm July 24 until 7:00 pm July 25 and drifting in the 3-mile corridor on July 24 from 7:00 pm to 10:00 pm and July 25 from 5:00 am to 7:00 pm.	Increase the harvest rate of sockeye salmon bound for the Kenai and Kasilof Rivers.
2S-10-95	July 27	Opened set gillnetting in the Upper Subdistrict and drifting in the 3-mile corridor from 8:00 am until 8:00 pm July 27.	Increase the harvest rate of sockeye salmon bound for Kenai and Kasilof.
2S-11-95	July 27	Opened setnetting in the Upper Subdistrict from 8:00 pm July 27 until 7:00 am July 28 and drifting in the 3-mile corridor on July 27 from 8:00 pm to 10:00 pm and on July 28 from 5:00 am to 7:00 am.	Increase the harvest rate of sockeye salmon bound for the Kenai and Kasilof.
2S-12-95	July 28	Opened setnetting in the Upper Subdistrict from 7:00 pm July 28 until 10:00 pm July 29 and drifting in the 3-mile corridor on July 28 from 7:00 pm to 10:00 pm and July 29 from 5:00 am to 10:00 pm.	Increase the harvest of Kenai and Kasilof River sockeye salmon.
2S-13-95	July 29	Opened setnetting in the Upper Subdistrict from 10:00 pm 7/29 until 7:00 am 7/31 and drifting in the 3-mile corridor on 7/30 from 5:00 am to 10:00 pm and 7/31 from 5:00 am to 7:00 am. Reopened setnetting in the Western Subdistrict south of Redoubt Point and drifting west of 152 degrees 25 minutes effective July 31.	Reduce the escapement rate of sockeye salmon in the Kasilof and Kenai Rivers. Crescent River escapement goal projected to be met.
2S-14-95	July 31	Opened setnetting in the Upper Subdistrict from 7:00 pm 7/31 until 10:00 pm 8/1 and drifting in the 3-mile corridor on 7/31 from 7:00 pm to 10:00 pm and 8/1 from 5:00 am to 10:00 pm.	Reduce the escapement rate of sockeye salmon in the Kasilof and Kenai Rivers.

Table 10. Page 2 of 2.

Emergency Order No.	Effective Date	Action	Reason
2S-15-95	August 2	Opened setnetting in the Kalgin Island Subdistrict on August 2 from 7:00 am to 7:00 pm.	Packers Creek sockeye salmon goal assured.
2S-16-95	August 4	Opened setnetting in the Upper Sudistrict from 7:00 pm 8/4 until 10:00 pm 8/5. Opened drifting in the 3-mile corridor on 8/4 from 7:00 pm to 10:00 pm and 8/5 from 6:00 am to 10:00 pm.	Increase the exploitation of sockeye salmon bound for the Kenai and Kasilof Rivers.
2S-17-95	August 9	Opened setnetting in the Kalgin Island Subdistrict on August 9 from 7:00 am until 7:00 pm.	Packers Creek sockeye salmon goal assured.
2S-18-95	August 16	Opened setnetting in the Kalgin Island Subdistrict on August 16 from 7:00 am until 7:00 pm.	Packers Creek sockeye salmon goal assured.
2S-19-95	August 19	Opened drifting and seining in the Chinitna Bay Subdistrict each Monday and Friday from 7:00 am until 7:00 pm.	Chum salmon escapement goal in Clearwater Creek attained.
2S-20-95	August 23	Opened setnetting in the Kalgin Island, Western and Kustatan Subdistricts and drifting in the Western and Kustatan Subdistricts each Wednesday from 7:00 am to 7:00 pm for the remainder of the season.	Rapidly declining effort and strong local coho salmon returns.

Table 11. Commercial salmon fishing periods, Upper Cook Inlet, 1995.

Date	Day	Time	Set Gill Net	Drift Gill Net
June 2	Fri	0700-1900	Big River Area	
June 5	Mon	0700-1300	Northern District	
		0700-1900	Big River Area	
June 7	Wed	0700-1900	Big River Area	
June 9	Fri	0700-1900	Big River Area	
June 12	Mon	0700-1900	Big River Area	
June 14	Wed	0700-1900	Big River Area	
June 16	Fri	0700-1900	Western, Big River Area	
June 19	Mon	0700-1900	Western, Big River Area	
June 21	Wed	0700-1900	Big River Area	
June 23	Fri	0700-1900	Western, Big River Area	
June 26	Mon	0700-1900	All except Upper	All except within 2 mi of eastern shore
June 30	Fri	0700-1900	All except Upper	All except within 2 mi of eastern shore
July 03	Mon	0700-1900	All	All
July 07	Fri	0700-1900	All	All
July 10	Mon	0700-1900	All except Western s. of Redoubt Pt.	All except west of 152.25
July 14	Fri	0700-1900	All but Western s. of Redoubt Pt.	3 Mile corridor s. of Colliers
July 16	Sun	0700-1900	Knik Arm	
July 17	Mon	0700-1900	All except Western s. of Redoubt Pt.	All except west of 152.25
		1900-2400	Upper south of mid K-Beach within 1/2 mile of shore	
July 18	Tue	0000-2400	Upper south of mid K-Beach within 1/2 mile of shore	
		0700-1900	Knik Arm	
July 19	Wed	0000-2400	Upper south of mid K-Beach within 1/2 mile of shore	
July 20	Thur	0000-2400	Upper south of mid K-Beach within 1/2 mile of shore	
July 21	Fri	0000-1900	Upper south of mid K-Beach within 1/2 mile of shore	
		0700-1900	All except Western s. of Redoubt Pt.	All except west of 152.25
July 23	Sun	0700-1900	Knik Arm	

Table 11. Page 2 of 2.

Date	Day	Time	Set Gill Net	Drift Gill Net
July 24	Mon	0700-1900	All except Western s. of Redoubt Pt. and Northern	Only east of 152.25, south of north tip of Kalgin or Upper south of Colliers w/i 3 mi.
		1900-2400	Upper	
		1900-2200		Upper s. of Colliers w/i 3 mi
July 25	Tue	0000-1900	Upper Subdistrict	
		0500-1900		Upper s. of Colliers w/i 3 mi
		0700-1900	Knik Arm	
July 27	Thur	0800-2400	Upper Subdistrict	
		0800-2200		Upper s. of Colliers w/i 3 mi
July 28	Fri	0000-2400	Upper Subdistrict	
		0500-0700		Upper s. of Colliers w/i 3 mi
		0700-1900	All but Western s. of Redoubt Pt.	All except west of 152.25
		1900-2200		Upper s. of Colliers w/i 3 mi
July 29	Sat	0000-2400	Upper Subdistrict	
		0500-2200		Upper s. of Colliers w/i 3 mi
		0700-1900	Kalgin Island	
July 30	Sun	0000-2400	Upper Subdistrict	
		0500-2200		Upper s. of Colliers w/i 3 mi
July 31	Mon	0000-2400	Upper Subdistrict	
		0700-1900	All	All
		1900-2200		Upper s. of Colliers w/i 3 mi
Aug 01	Tue	0000-2200	Upper Subdistrict	
		0500-2200		Upper s. of Colliers w/i 3 mi
Aug 02	Wed	0700-1900	Kalgin Island	
Aug 04	Fri	0700-1900	All	All
		1900-2400	Upper	
		1900-2200		Upper s. of Colliers w/i 3 mi
Aug 05	Sat	0000-2200	Upper Subdistrict	
		0600-2200		Upper s. of Colliers w/i 3 mi
Aug 07	Mon	0700-1900	All	All
Aug 09	Wed	0700-1900	Kalgin Island	
Aug 11	Fri	0700-1900	All	All
Aug 14	Mon	0700-1900	All	All
Aug 16	Wed	0700-1900	Kalgin Island	
Aug 18	Fri	0700-1900	All except Upper	Western, Kustatan, Chinitna Lower within 1 mi of shore
Aug 21	Mon	0700-1900	All except Upper	Western, Kustatan, Chinitna Lower within 1 mi of shore
Aug 23	Wed	0700-1900	Western, Kustatan, Kalgin	Western, Kustatan
Aug 25	Fri	0700-1900	All except Upper	Western, Kustatan, Chinitna, Lower within 1 mi of shore

Fishing continued each Monday, Wednesday and Friday as described for 8/21, 8/23 and 8/25 for the remainder of the fishing season.

Table 12. Age composition (in percent) of sockeye salmon escapements, Upper Cook Inlet, 1995.

	Age Class									
Stream	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4
Kenai River		0.3	0.4	31.9	2.4	26.4	6.6	0.4	31.3	0.3
Kasilof River		0.2		44.0		31.8	51.3		31.4	
Yentna River	2.2	0.8	5.1	19.7	0.2	51.3	8.5	0.4	11.6	
Crescent River		0.4		9.2	0.2	18.4	9.4	0.6	61.7	
Fish Creek		6.8		50.9	1.0	20.3	10.9		9.6	0.3
Packers Creek				8.3	3.3	5.3	35.5		47.4	

Table 13. Upper Cook Inlet salmon average weights[1] (in pounds) by area, 1995.

Fishery		CHINOOK	SOCKEYE	COHO	PINK	CHUM
Upper Cook Inlet Total		26.57	5.65	6.44	3.31	7.16
A. Northern District Total		20.47	5.54	6.57	3.41	7.59
1. Northern District West		20.64	5.61	6.57	3.47	7.62
a. Trading Bay	247-10	15.30	5.88	6.09	3.19	6.88
b. Tyonek	247-20	20.30	5.94	6.11	3.40	6.87
c. Beluga	247-30	21.82	6.04	7.15	3.70	8.31
d. Susitna Flat	247-41	25.25	5.31	6.97	2.46	7.32
e. Pt. Mackenzie	247-42	22.74	5.34	6.65	3.09	7.33
f. Fire Island	247-43	13.27	5.18	6.39	3.25	6.34
g. Knik Arm	247-50	19.20	4.83	5.84	4.36	6.80
2. Northern District East		19.80	5.29	6.57	3.24	7.07
a. Pt. Possession	247-70	20.21	5.42	6.47	3.28	7.06
b. Birch Hill	247-80	17.60	5.43	6.50	2.92	7.39
c. Number 3 Bay	247-90	18.83	5.03	6.78	3.53	6.81
B. Central District Total		28.41	5.65	6.41	3.30	7.12
1. East Side Set Total		29.13	5.36	6.55	3.13	6.64
a. Salamatof	244-40	28.60	5.99	6.68	3.42	7.00
b. Kalifonsky Beach	244-30	28.94	5.34	6.21	3.15	6.60
c. Cohoe	244-22	26.52	5.08	6.61	3.05	6.21
d. Ninilchik	244-21	31.64	4.92	6.73	3.09	6.06
2. West Side Set Total		29.27	4.71	6.81	3.90	6.95
a. Little Jack Slough	245-50	26.12	4.55	5.91	3.71	6.64
b. Polly Creek	245-40	27.44	4.36	6.09	3.33	6.61
c. Tuxedni Bay	245-30	29.49	5.69	7.09	4.66	7.03
d. Silver Salmon	245-20	33.83	5.11	7.11	3.63	6.67
3. Kustatan Total		22.63	5.33	6.35	3.77	7.56
a. Big River	245-55	22.92	4.85	6.19	3.41	5.45
b. West Foreland	245-60	17.20	5.88	6.44	3.84	7.61
4. Kalgin Island Total		32.95	5.04	6.20	3.43	6.46
a. West Side	246-10	33.30	5.08	6.09	3.38	6.54
b. East Side	246-20	31.29	4.98	6.43	3.52	6.14
5. Chinitna Bay Total		9.00	5.87	7.53	3.92	6.04
a. Set	245-10	25.75	5.64	7.41	3.98	5.96
b. Drift	245-10	8.06	6.35	7.59	3.41	6.73
6. Central District Set Total		29.06	5.33	6.50	3.17	6.32
7. Central District Drift Total		14.04	5.85	6.36	3.42	7.15
a. West Side	245-70,80,90	12.63	5.75	6.39	3.46	7.42
b. East Side	244-50,60,70	15.26	5.86	6.31	3.42	7.12
c. Chinitna Bay	245-10	8.06	6.35	7.59	3.41	6.73

[1] Pounds of fish divided by numbers of fish from commercial harvest fish tickets.

Table 14. Buyers and processors of Upper Cook Inlet fishery products, 1995.

Buyer/Processor	Plant Site	Contact	Address
Carlson Seafoods F1232-6	Kasilof	Dorius Carlson	HC2 Box 544 Kasilof Ak. 99610
Coal Point Trading F1757	Homer	Nancy Hillstrand	P.O. 674 Homer, Ak. 99603
Cook Inlet Processing F0186-3	Kenai	Pat Hardina	Box 8163 Nikiski Ak. 99635
Deep Creek Custom Packing F1051-5	Ninilchik	Jeff Berger	P.O. Box 39229 Ninilchik Ak. 99639
Dragnet Fisheries F0030-4	Kenai	Mike Mccune	P.O. Box 1260 Kenai Ak. 99615
Fishhawk Fisheries F1540-1	Kenai	Steve Frick	P.O. Box 715 Astoria Or. 97103
Great Pacific Seafoods F1678	Anchorage	Roger Styles	P.O. 81165 Seattle, Wa. 98108
Icicle Seafoods F0133-0	Homer	Dennis Guhike	P.O. Box 79003 Seattle Wa. 98119
Inlet Fisheries Inc. F1039-7	Kenai	Patrick Klier	P.O. Box 530 Kenai Ak. 99611
North Alaska Fisheries F1681-7	Wasilla	Jack Schulteis	P.O. Box 877351 Wasilla Ak. 99687
Pacific Alaska Seafoods F0130-7	Nikiski	Jerry Cartee	P.O. Box 7498 Nikiski Ak. 99635
Pacific Star Seafoods F1834	Kenai	Dan Foley	2300 Eastlake Ave. E. Seattle, Wa. 98102
R & J Enterprises F0838-6	Kasilof	Juanita Meier	Box 165 Kasilof Ak. 99610
Royal Pacific Fisheries F0409-1	Kenai	Marvin Dragseth	P.O. Box 4609 Kenai Ak. 99611
Sahalee of Alaska F1485	Anchorage	Christa Lind	P.O. 104174 Anchorage, Ak. 99510
Salamatof Seafoods F0037-1	Kenai	Wylie Reed	P.O. Box 5070 Kenai Ak. 99615
Seasonal Seafoods F0998-7	Kasilof	Baily Wharton	4039 21st Ave. Seattle Wa. 98199
Snug Harbor Seafoods F1302-5	Kenai	Paul Dale	Box 701 Kenai Ak. 99611
Trans Aqua Int'l F1193-2	Kasilof	Taka Iwasaki	One Union Sq. #2800 Seattle Wa. 981101
Wards Cove Packing F0270-2	Kenai	Bill Brindle	P.O. Box C-5030 Seattle Wa. 98105-0030
Whitney Foods F1413	Anchorage	Joe Burt	7201 Sixth Ave. Suite 1300 Seattle Wa. 98121
10th & M Seafoods F0528	Anchorage	Bill Nix	1020 M Street Anchorage, Ak. 99501

Table 15. Reported personal use catch by gear, area and species, Upper Cook Inlet, 1995.[1]

Subdistrict/Gear	Specific Area	Chinook	Sockeye	Coho	Pink	Chum	Total
Central Dip Net							
	Kenai River	58	11,771	1,261	170	57	13,317
	Kasilof River	63	4,572	247	48	12	4,942
	Subtotal	121	16,343	1,508	218	69	18,259
Central Set Net							
Upper	Ninilchik	202	4,526	344	122	19	5,213
	Cohoe	143	4,476	630	75	62	5,386
	Kalifonsky	289	12,911	1,470	251	71	14,992
	Salamatof	61	6,684	1,083	217	37	8,082
Kalgin Island		11	243	83	0	0	337
Kustatan		15	158	103	1	15	292
Western		28	216	114	3	2	363
Chinitna Bay		5	14	33	17	32	101
Subtotal		754	29,228	3,860	686	238	34,766
Northern Set Net							
General		259	3,903	2,154	145	551	7,012
Eastern		47	1,681	497	26	13	2,264
Knik Arm		234	10,447	3,167	379	863	15,090
Subtotal		540	16,031	5,818	550	1,427	24,366
Grand Total		1,415	61,602	11,186	1,454	1,734	77,391

[1] Does not include Tyonek subsistence or any educational permit fishery harvests.

Table 16. Seldovia District tide tables, April-September, 1995.

APRIL

HIGH TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Sat	02:55	20.2	03:23	19.1
2	Sun	04:25	19.8	04:59	18.4
3	Mon	04:55	19.1	05:35	17.3
4	Tue	05:26	18.1	06:13	16.0
5	Wed	05:59	16.8	06:56	14.6
6	Thur	06:36	15.5	07:48	13.3
7	Fri	07:23	14.2	08:55	12.4
8	Sat	08:29	13.1	10:16	12.4
9	Sun	09:56	12.7	11:29	13.2
10	Mon	11:20	13.4	-----	----
11	Tue	00:22	14.5	12:25	14.7
12	Wed	01:02	16.1	01:17	16.3
13	Thur	01:39	17.8	02:02	17.9
14	Fri	02:15	19.4	02:46	19.2
15	Sat	02:51	20.7	03:29	20.0
16	Sun	03:29	21.6	04:13	20.2
17	Mon	04:09	21.8	04:59	19.8
18	Tue	04:52	21.4	05:48	18.9
19	Wed	05:38	20.3	06:41	17.6
20	Thur	06:29	18.7	07:42	16.3
21	Fri	07:29	16.9	08:51	15.4
22	Sat	08:42	15.4	10:08	15.1
23	Sun	10:07	14.6	11:20	15.6
24	Mon	11:31	14.7	-----	----
25	Tue	00:19	16.5	12:39	15.5
26	Wed	01:06	17.4	01:32	16.4
27	Thur	01:45	18.2	02:16	17.2
28	Fri	02:19	18.8	02:55	17.8
29	Sat	02:51	19.2	03:31	18.1
30	Sun	03:22	19.3	04:06	18.0

LOW TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Sat	09:08	-2.0	09:17	0.3
2	Sun	10:42	-1.6	10:49	1.3
3	Mon	11:16	-0.8	11:23	2.5
4	Tue	11:51	0.2	11:58	3.9
5	Wed	-----	----	12:29	1.4
6	Thur	00:36	5.2	01:12	2.7
7	Fri	01:23	6.5	02:08	3.9
8	Sat	02:29	7.4	03:24	4.5
9	Sun	03:58	7.4	04:46	4.3
10	Mon	05:22	6.4	05:51	3.5
11	Tue	06:22	4.6	06:40	2.3
12	Wed	07:08	2.5	07:22	1.1
13	Thur	07:49	0.3	08:02	0.1
14	Fri	08:29	-1.6	08:42	-0.5
15	Sat	09:09	-3.2	09:23	-0.9
16	Sun	09:51	-4.3	10:04	-0.7
17	Mon	10:34	-4.6	10:48	-0.1
18	Tue	11:19	-4.2	11:34	0.8
19	Wed	-----	----	12:08	-3.1
20	Thur	00:26	2.1	01:03	-1.6
21	Fri	01:26	3.4	02:06	0.0
22	Sat	02:38	4.3	03:21	1.2
23	Sun	04:03	4.3	04:40	1.7
24	Mon	05:23	3.3	05:48	1.7
25	Tue	06:27	1.9	06:43	1.5
26	Wed	07:17	0.4	07:28	1.3
27	Thur	07:59	-0.7	08:07	1.2
28	Fri	08:36	-1.5	8:42	1.2
29	Sat	09:11	-2.0	09:16	1.4
30	Sun	09:45	-2.1	09:50	1.8

MAY

HIGH TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Mon	03:52	19.1	04:41	17.7
2	Tue	04:24	18.6	05:17	17.0
3	Wed	04:57	17.8	05:56	16.1
4	Thur	05:32	16.7	06:38	15.1
5	Fri	06:11	15.5	07:25	14.2
6	Sat	06:57	14.3	08:19	13.6
7	Sun	07:57	13.2	09:21	13.4
8	Mon	09:13	12.7	10:23	13.9
9	Tue	10:33	12.9	11:19	15.0
10	Wed	11:46	13.9	-----	----
11	Thur	00:08	16.4	12:46	15.3
12	Fri	00:53	18.0	01:38	16.9
13	Sat	01:36	19.5	02:27	18.3
14	Sun	02:19	20.8	03:14	19.3
15	Mon	03:03	21.6	04:02	19.8
16	Tue	03:48	21.8	04:49	19.7
17	Wed	04:35	21.3	05:39	19.2
18	Thur	05:25	20.2	06:31	18.3
19	Fri	06:18	18.7	07:28	17.4
20	Sat	07:18	16.8	08:28	16.5
21	Sun	08:25	15.2	09:33	16.0
22	Mon	09:43	14.1	10:37	16.0
23	Tue	11:03	13.8	11:36	16.3
24	Wed	-----	----	12:15	14.1
25	Thur	00:26	16.7	01:12	14.8
26	Fri	01:08	17.2	01:59	15.6
27	Sat	01:45	17.7	02:38	16.3
28	Sun	02:19	18.1	03:15	16.8
29	Mon	02:53	18.4	03:50	17.1
30	Tue	03:27	18.4	04:26	17.1
31	Wed	04:01	18.2	05:02	16.9

LOW TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Mon	10:18	-1.9	10:25	2.4
2	Tue	10:52	-1.4	11:00	3.2
3	Wed	11:27	-0.5	11:36	4.1
4	Thur	-----	----	12:03	0.4
5	Fri	00:17	5.0	12:44	1.5
6	Sat	01:03	5.9	01:32	2.6
7	Sun	02:03	6.4	02:31	3.4
8	Mon	03:16	6.4	03:40	3.8
9	Tue	04:34	5.5	04:48	3.6
10	Wed	05:39	3.7	05:48	3.0
11	Thur	06:32	1.6	06:40	2.2
12	Fri	07:19	-0.6	07:28	1.3
13	Sat	08:04	-2.6	08:14	0.5
14	Sun	08:48	-4.3	09:00	0.0
15	Mon	09:33	-5.3	09:46	0.0
16	Tue	10:19	-5.6	10:33	0.1
17	Wed	11:06	-5.1	11:23	0.7
18	Thur	11:55	-4.0	-----	----
19	Fri	00:17	1.6	12:48	-2.4
20	Sat	01:16	2.5	01:46	-0.6
21	Sun	02:24	3.2	02:50	0.9
22	Mon	03:41	3.3	03:59	2.2
23	Tue	04:57	2.7	05:06	2.9
24	Wed	06:02	1.7	06:05	3.2
25	Thur	06:54	0.6	06:54	3.2
26	Fri	07:37	-0.2	07:36	3.1
27	Sat	08:15	-1.0	08:15	3.0
28	Sun	08:50	-1.6	08:52	2.9
29	Mon	09:24	-1.9	09:28	2.9
30	Tue	09:58	-1.9	10:04	3.1
31	Wed	10:32	-1.7	10:41	3.4

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JUNE

HIGH TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Thur	04:37	17.7	05:39	16.5
2	Fri	05:14	16.9	06:18	15.9
3	Sat	05:53	16.0	06:58	15.4
4	Sun	06:37	14.9	07:43	15.0
5	Mon	07:30	13.8	08:31	14.8
6	Tue	08:35	13.0	09:25	15.0
7	Wed	09:51	12.8	10:21	15.7
8	Thur	11:08	13.3	11:17	16.7
9	Fri	-----	----	12:18	14.5
10	Sat	00:12	18.0	01:18	15.9
11	Sun	01:04	19.3	02:12	17.4
12	Mon	01:55	20.5	03:02	18.6
13	Tue	02:44	21.4	03:50	19.4
14	Wed	03:34	21.7	04:38	19.8
15	Thur	04:23	21.4	05:26	19.7
16	Fri	05:13	20.4	06:14	19.2
17	Sat	06:05	18.9	07:04	18.4
18	Sun	07:00	17.1	07:55	17.6
19	Mon	08:01	15.3	08:49	16.7
20	Tue	09:09	13.8	09:46	16.1
21	Wed	10:26	13.0	10:45	15.8
22	Thur	11:44	13.0	11:40	15.8
23	Fri	-----	----	12:50	13.5
24	Sat	00:29	16.1	01:41	14.3
25	Sun	01:13	16.6	02:23	15.2
26	Mon	01:53	17.2	03:00	16.0
27	Tue	02:31	17.8	03:34	16.7
28	Wed	03:07	18.2	04:09	17.1
29	Thur	03:44	18.3	04:43	17.4
30	Fri	04:21	18.2	05:17	17.4

LOW TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Thur	11:07	-1.2	11:19	3.8
2	Fri	11:43	-0.4	11:59	4.4
3	Sat	-----	----	12:21	0.4
4	Sun	00:44	4.8	01:02	1.3
5	Mon	01:35	5.1	01:51	2.3
6	Tue	02:37	5.0	02:48	3.1
7	Wed	03:46	4.3	03:52	3.6
8	Thur	04:55	2.9	04:59	3.6
9	Fri	05:57	1.0	06:01	3.2
10	Sat	06:52	-1.0	06:58	2.4
11	Sun	07:43	-3.0	07:51	1.5
12	Mon	08:31	-4.6	08:41	0.8
13	Tue	09:19	-5.6	09:31	0.2
14	Wed	10:06	-5.9	10:20	0.0
15	Thur	10:52	-5.5	11:11	0.2
16	Fri	11:40	-4.4	-----	----
17	Sat	00:03	0.7	12:28	-2.7
18	Sun	00:59	1.5	01:18	-0.8
19	Mon	01:59	2.2	02:12	1.1
20	Tue	03:06	2.7	03:11	2.8
21	Wed	04:19	2.8	04:16	4.1
22	Thur	05:28	2.3	05:20	4.8
23	Fri	06:26	1.5	06:18	5.0
24	Sat	07:14	0.7	07:08	4.8
25	Sun	07:55	0.0	07:51	4.4
26	Mon	08:31	-0.8	08:31	3.9
27	Tue	09:06	-1.3	09:09	3.5
28	Wed	09:39	-1.7	09:46	3.2
29	Thur	10:13	-1.8	10:23	3.0
30	Fri	10:47	-1.6	11:00	3.1

JULY

HIGH TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Sat	04:58	17.7	5;51	17.2
2	Sun	05:37	16.9	06:27	16.9
3	Mon	06:18	15.9	07:05	16.6
4	Tue	07:07	14.8	07:47	16.3
5	Wed	08:05	13.8	08:36	16.2
6	Thur	09:17	13.1	09:33	16.3
7	Fri	10:38	13.1	10:37	16.9
8	Sat	11:56	14.0	11:41	17.8
9	Sun	-----	----	01:03	15.4
10	Mon	00:43	19.0	02:00	17.0
11	Tue	01:40	20.2	02:50	18.5
12	Wed	02:33	21.2	03:37	19.6
13	Thur	03:23	21.7	04:21	20.3
14	Fri	04:12	21.5	05:05	20.5
15	Sat	05:00	20.7	05:48	20.1
16	Sun	05:48	19.3	06:31	19.4
17	Mon	06:37	17.5	07:14	18.3
18	Tue	07:30	15.6	08:00	17.1
19	Wed	08:29	13.9	08:50	16.0
20	Thur	09:41	12.7	09:47	15.2
21	Fri	11:05	12.3	10:50	14.9
22	Sat	12:25	12.8	11:53	15.1
23	Sun	-----	----	01:22	13.7
24	Mon	00:47	15.8	02:05	14.8
25	Tue	01:32	16.7	02:40	15.9
26	Wed	02:13	17.6	03:13	16.9
27	Thur	02:51	18.4	03:44	17.7
28	Fri	03:28	18.9	04:15	18.3
29	Sat	04:04	19.0	04:47	18.6
30	Sun	04:41	18.8	05:18	18.7
31	Mon	05:19	18.1	05:51	18.5

LOW TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Sat	11:21	-1.1	11:39	3.2
2	Sun	11:56	-0.3	-----	----
3	Mon	00:20	3.4	12:34	0.6
4	Tue	01:06	3.6	01:16	1.7
5	Wed	02:00	3.6	02:07	2.9
6	Thur	03:04	3.3	03:09	3.9
7	Fri	04:17	2.4	04:20	4.4
8	Sat	05:28	1.0	05:31	4.2
9	Sun	06:32	-0.7	06:37	3.4
10	Mon	07:27	-2.5	07:35	2.2
11	Tue	08:18	-4.1	08:28	1.0
12	Wed	09:06	-5.1	09:18	0.0
13	Thur	09:51	-5.4	10:07	-0.4
14	Fri	10:35	-5.0	10:55	-0.5
15	Sat	11:19	-3.9	11:43	-0.1
16	Sun	-----	----	12:02	-2.3
17	Mon	00:32	0.6	12:45	-0.2
18	Tue	01:25	1.6	01:31	1.8
19	Wed	02:23	2.6	02:22	3.8
20	Thur	03:30	3.3	03:22	5.4
21	Fri	04:45	3.5	04:33	6.4
22	Sat	05:55	3.0	05:45	6.5
23	Sun	06:51	2.1	06:44	6.1
24	Mon	07:35	1.1	07:31	5.3
25	Tue	08:12	0.2	08:12	4.4
26	Wed	08:45	-0.8	08:50	3.5
27	Thur	09:18	-1.3	09:26	2.7
28	Fri	09:50	-1.6	10:02	2.1
29	Sat	10:22	-1.6	10:38	1.8
30	Sun	10:55	-1.2	11:15	1.6
31	Mon	11:30	-0.5	11:54	1.7

Table 16. (page 3 of 3)

AUGUST

HIGH TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Tue	06:00	17.2	06:27	18.2
2	Wed	06:46	15.9	07:07	17.7
3	Thur	07:42	14.6	07:56	17.1
4	Fri	08:53	13.6	08:56	16.7
5	Sat	10:18	13.3	10:08	16.7
6	Sun	11:44	14.1	11:23	17.3
7	Mon	-----	----	12:53	15.6
8	Tue	00:32	18.5	01:48	17.3
9	Wed	01:32	19.9	02:35	18.9
10	Thur	02:25	21.0	03:18	20.2
11	Fri	03:13	21.6	03:58	21.0
12	Sat	03:59	21.6	04:37	21.2
13	Sun	04:43	20.9	05:15	20.8
14	Mon	05:26	19.7	05:52	19.9
15	Tue	06:10	18.0	06:29	18.7
16	Wed	06:57	16.2	07:09	17.3
17	Thur	07:49	14.3	07:53	15.9
18	Fri	08:54	12.9	08:48	14.7
19	Sat	10:20	12.2	09:58	14.1
20	Sun	11:54	12.6	11:17	14.2
21	Mon	-----	----	12:57	13.6
22	Tue	00:23	15.1	01:39	14.9
23	Wed	01:13	16.3	02:12	16.2
24	Thur	01:54	17.6	02:42	17.5
25	Fri	02:32	18.7	03:12	18.6
26	Sat	03:09	19.5	03:41	19.4
27	Sun	03:46	19.9	04:12	20.0
28	Mon	04:23	19.8	04:43	20.2
29	Tue	05:02	19.3	05:16	20.0
30	Wed	05:44	18.3	05:53	19.5
31	Thur	06:31	16.9	06:34	18.7

LOW TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Tue	-----	----	12:07	0.5
2	Wed	00:37	1.9	12:48	1.8
3	Thur	01:28	2.2	01:36	3.3
4	Fri	02:30	2.5	02:38	4.6
5	Sat	03:46	2.3	03:54	5.3
6	Sun	05:07	1.4	05:15	5.0
7	Mon	06:17	0.0	06:26	3.9
8	Tue	07:15	-1.7	07:26	2.3
9	Wed	08:06	-3.1	08:18	0.7
10	Thur	08:51	-4.0	09:06	-0.4
11	Fri	09:33	-4.2	09:51	-1.2
12	Sat	10:14	-3.8	10:35	-1.4
13	Sun	10:53	-2.7	11:18	-0.9
14	Mon	11:32	-1.1	-----	----
15	Tue	00:01	0.0	12:10	0.8
16	Wed	00:46	1.2	12:51	2.9
17	Thur	01:35	2.6	01:35	4.9
18	Fri	02:34	3.9	02:31	6.5
19	Sat	03:49	4.6	03:46	7.6
20	Sun	05:16	4.4	05:13	7.6
21	Mon	06:23	3.5	06:22	6.8
22	Tue	07:09	2.4	07:12	5.6
23	Wed	07:46	1.3	07:52	4.2
24	Thur	08:19	0.2	08:28	2.9
25	Fri	08:51	-0.5	09:03	1.7
26	Sat	09:22	-1.0	09:38	0.7
27	Sun	09:55	-1.1	10:13	0.1
28	Mon	10:28	-0.8	10:50	-0.2
29	Tue	11:04	-0.1	11:29	-0.1
30	Wed	11:42	1.0	-----	---
31	Thur	00:12	0.3	12:24	2.4

SEPTEMBER

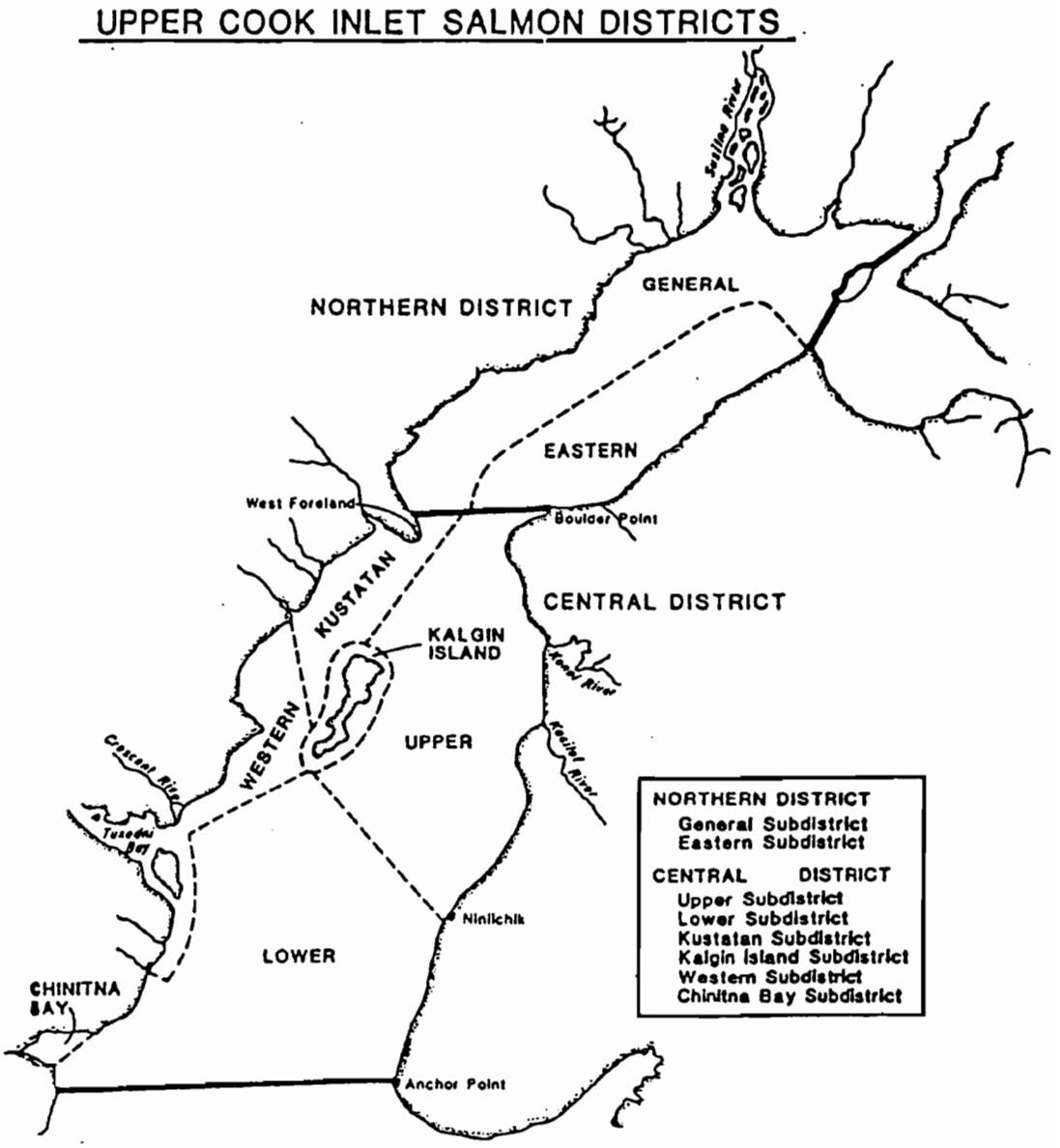
HIGH TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Fri	07:27	15.5	07:25	17.6
2	Sat	08:39	14.3	08:31	16.7
3	Sun	10:07	13.9	09:52	16.3
4	Mon	11:33	14.7	11:16	16.8
5	Tue	-----	----	12:40	16.3
6	Wed	00:28	18.0	01:32	18.0
7	Thur	01:27	19.4	02:15	19.6
8	Fri	02:17	20.5	02:54	20.7
9	Sat	03:02	21.2	03:30	21.4
10	Sun	03:44	21.2	04:05	21.5
11	Mon	04:24	20.7	04:39	21.1
12	Tue	05:04	19.7	05:12	20.1
13	Wed	05:44	18.3	05:46	18.9
14	Thur	06:26	16.6	06:21	17.4
15	Fri	07:13	14.9	07:01	15.8
16	Sat	08:12	13.4	07:53	14.5
17	Sun	09:33	12.6	09:06	13.5
18	Mon	11:07	12.8	10:36	13.5
19	Tue	12:16	13.8	11:53	14.4
20	Wed	-----	----	12:59	15.1
21	Thur	00:47	15.8	01:33	16.6
22	Fri	01:31	17.2	02:03	18.0
23	Sat	02:10	18.5	02:33	19.3
24	Sun	02:48	19.6	03:04	20.4
25	Mon	03:26	20.2	03:36	21.1
26	Tue	04:05	20.4	04:09	21.4
27	Wed	04:46	20.0	04:46	21.2
28	Thur	05:31	19.0	05:25	20.5
29	Fri	06:20	17.7	06:11	19.3
30	Sat	07:19	16.3	07:06	17.8

LOW TIDES

Date	Day	A.M. Time	A.M. Feet	P.M. Time	P.M. Feet
1	Fri	01:03	1.0	01:15	4.0
2	Sat	02:05	1.8	02:20	5.3
3	Sun	03:24	2.3	03:43	5.9
4	Mon	04:50	1.8	05:09	5.3
5	Tue	06:04	0.7	06:21	3.7
6	Wed	07:02	-0.6	07:18	1.8
7	Thur	07:49	-1.7	08:07	0.1
8	Fri	08:32	-2.3	08:51	-1.1
9	Sat	09:11	-2.4	09:32	-1.9
10	Sun	09:48	-1.9	10:12	-2.0
11	Mon	10:25	-0.9	10:50	-1.5
12	Tue	11:01	0.4	11:28	-0.5
13	Wed	11:37	2.1	-----	-----
14	Thur	00:08	0.8	12:14	3.9
15	Fri	00:50	2.3	12:55	5.7
16	Sat	01:40	3.8	01:47	7.2
17	Sun	02:48	5.0	03:03	8.2
18	Mon	04:18	5.3	04:40	8.2
19	Tue	05:38	4.7	05:57	7.1
20	Wed	06:31	3.6	06:47	5.5
21	Thur	07:10	2.4	07:26	3.8
22	Fri	07:45	1.3	08:02	2.1
23	Sat	08:18	0.4	08:37	0.5
24	Sun	08:51	-0.1	09:12	-0.7
25	Mon	09:26	-0.3	09:49	-1.7
26	Tue	10:02	-0.1	10:27	-2.1
27	Wed	10:40	0.5	11:08	-1.9
28	Thur	11:21	1.6	11:53	-1.2
29	Fri	-----	----	12:07	2.9
30	Sat	00:44	-0.1	01:02	4.4

Figure 1.


UPPER COOK INLET SALMON DISTRICTS
NORTHERN DISTRICT
GENERAL
EASTERN
West Foreland
Boulder Point
CENTRAL DISTRICT
KUSTATAN
KALGIN ISLAND
WESTERN
UPPER
LOWER
Ninilchik
CHINITNA BAY
Anchor Point
NORTHERN DISTRICT
General Subdistrict
Eastern Subdistrict
CENTRAL DISTRICT
Upper Subdistrict
Lower Subdistrict
Kustatan Subdistrict
Kalgin Island Subdistrict
Western Subdistrict
Chinitna Bay Subdistrict

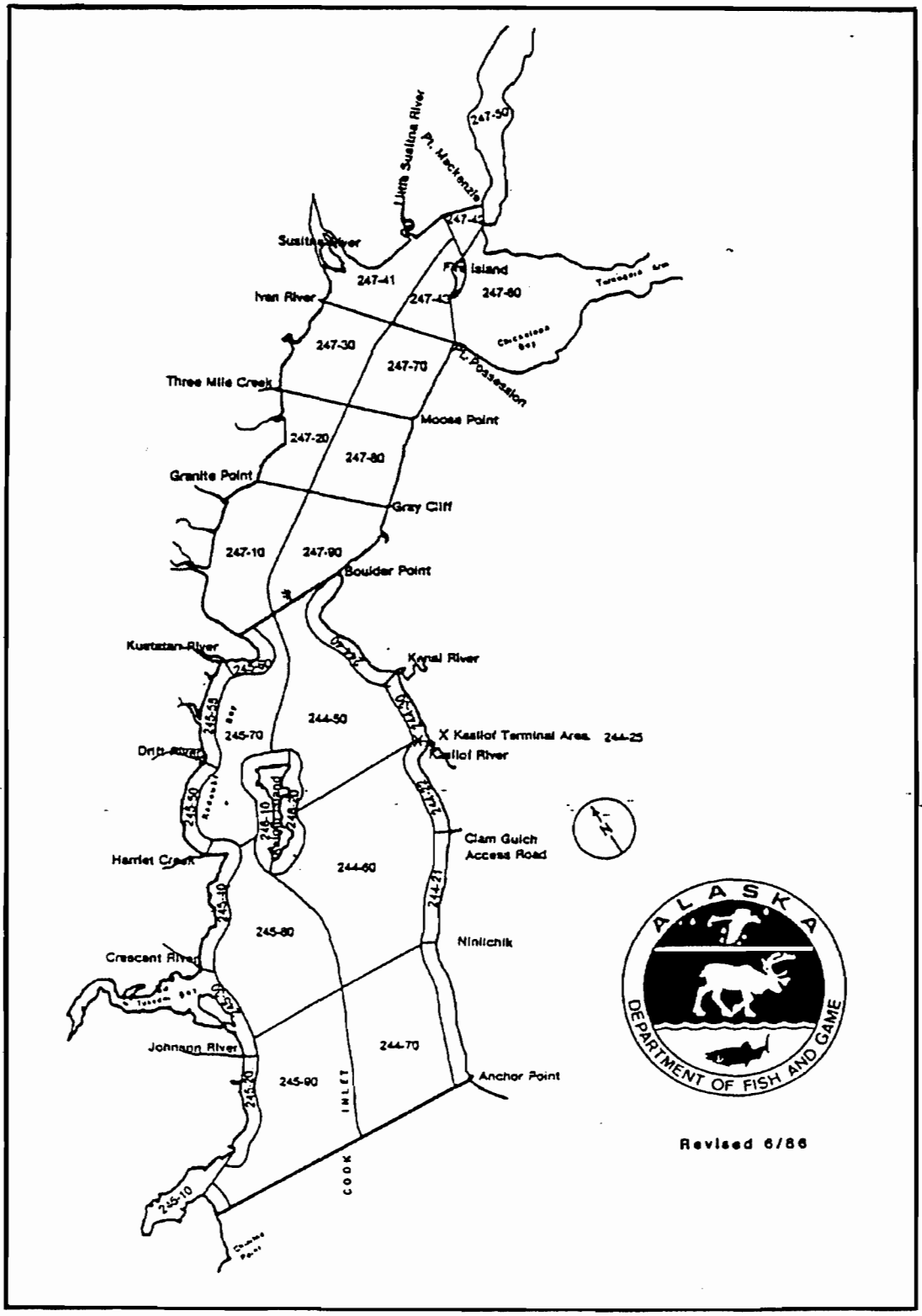


Figure 2. Upper Cook Inlet statistical areas.

Appendix A.1. Upper Cook Inlet commercial chinook salmon harvest by gear type and area, 1966-1995.

Year	Central District Drift Gill Net		Central District Set Gill Net				Northern District Set Gill Net		Total
			East Side		Kalgin/West Side				
	Number	%	Number	%	Number	%	Number	%	
1966	392	4.6	7,329	85.8	401	4.7	422	4.9	8,544
1967	489	6.3	6,646	85.0	500	6.4	184	2.4	7,819
1968	182	4.0	3,304	72.8	579	12.8	471	10.4	4,536
1969	362	2.9	5,834	47.1	3,286	26.5	2,904	23.4	12,386
1970	367	4.4	5,366	64.3	1,152	13.8	1,460	17.5	8,345
1971	237	1.2	7,055	35.7	2,875	14.5	9,598	48.6	19,765
1972	375	2.3	8,599	53.5	2,199	13.7	4,913	30.5	16,086
1973	244	4.7	4,411	84.9	369	7.1	170	3.3	5,194
1974	422	6.4	5,571	84.5	434	6.6	169	2.6	6,596
1975	250	5.2	3,675	76.8	733	15.3	129	2.7	4,787
1976	690	6.4	8,249	75.9	1,469	13.5	457	4.2	10,865
1977	3,411	23.1	9,732	65.8	1,084	7.3	565	3.8	14,792
1978	2,072	12.0	12,468	72.1	2,093	12.1	666	3.8	17,299
1979	1,089	7.9	8,671	63.1	2,264	16.5	1,714	12.5	13,738
1980	889	6.4	9,643	69.9	2,273	16.5	993	7.2	13,798
1981	2,320	19.0	8,358	68.3	837	6.8	725	5.9	12,240
1982	1,293	6.2	13,658	65.4	3,203	15.3	2,716	13.0	20,870
1983	1,125	5.5	15,043	72.9	3,534	17.1	933	4.5	20,635
1984	1,377	13.7	6,165	61.3	1,516	15.1	1,004	10.0	10,062
1985	2,048	8.5	17,723	73.6	2,427	10.1	1,890	7.8	24,088
1986	1,834	4.7	19,810	50.5	2,108	5.4	15,488	39.5	39,240
1987	4,552	11.5	21,379	53.9	1,029	2.6	12,701	32.0	39,661
1988	2,217	7.6	12,870	44.3	1,137	3.9	12,836	44.2	29,060
1989	0	0.0	10,919	40.8	3,092	11.6	12,731	47.6	26,742
1990	621	3.9	4,139	25.7	1,763	10.9	9,582	59.5	16,105
1991	241	1.8	4,891	36.1	1,544	11.4	6,859	50.7	13,535
1992	615	3.6	10,718	62.4	1,284	7.5	4,554	26.5	17,171
1993	746	4.0	13,977	74.7	719	3.8	3,277	17.5	18,719
1994	460	2.3	15,885	78.4	730	3.6	3,185	15.7	20,260
1995	594	3.3	12,032	67.4	1,101	6.2	4,130	23.1	17,857
*Average	1,087	6.8	9,766	61.0	1,539	9.6	3,610	22.6	16,002

* Does not include 1989.

Appendix A.2. Upper Cook Inlet commercial sockeye salmon harvest by gear type and area, 1966-1995.

Year	Central District Drift Gill Net		Central District Set Gill Net				Northern District Set Gill Net		Total
			East Side		Kalgin/West Side				
	Number	%	Number	%	Number	%	Number	%	
1966	1,103,261	59.6	485,330	26.2	132,443	7.2	131,080	7.1	1,852,114
1967	890,152	64.6	303,858	22.0	66,414	4.8	118,065	8.6	1,378,489
1968	561,737	50.8	317,535	28.7	85,049	7.7	140,575	12.7	1,104,896
1969	371,747	53.7	210,834	30.5	71,184	10.3	38,050	5.5	691,815
1970	460,690	62.9	142,701	19.5	62,723	8.6	66,458	9.1	732,572
1971	423,107	66.5	111,505	17.5	61,144	9.6	40,533	6.4	636,289
1972	506,281	57.5	204,599	23.3	83,176	9.5	85,755	9.7	879,811
1973	375,695	56.1	188,816	28.2	59,973	8.9	45,614	6.8	670,098
1974	265,771	53.5	136,889	27.5	52,962	10.7	41,563	8.4	497,185
1975	368,124	53.8	177,336	25.9	73,765	10.8	65,526	9.6	684,751
1976	1,055,786	63.4	476,376	28.6	62,338	3.7	69,649	4.2	1,664,149
1977	1,073,098	52.3	751,178	36.6	104,265	5.1	123,780	6.0	2,052,321
1978	1,803,479	68.8	660,797	25.2	105,767	4.0	51,378	2.0	2,621,421
1979	454,707	49.1	248,359	26.8	108,422	11.7	113,918	12.3	925,406
1980	770,247	48.9	559,812	35.6	137,882	8.8	105,647	6.7	1,573,588
1981	633,380	44.0	496,003	34.5	60,217	4.2	249,662	17.3	1,439,262
1982	2,103,429	64.5	971,423	29.8	66,952	2.1	118,060	3.6	3,259,864
1983	3,222,428	63.8	1,508,511	29.9	134,575	2.7	184,219	3.6	5,049,733
1984	1,235,337	58.6	490,273	23.3	162,139	7.7	218,965	10.4	2,106,714
1985	2,032,957	50.1	1,561,200	38.4	285,081	7.0	181,191	4.5	4,060,429
1986	2,834,534	59.2	1,657,904	34.6	153,714	3.2	141,830	3.0	4,787,982
1987	5,631,746	59.3	3,495,802	36.8	208,036	2.2	164,602	1.7	9,500,186
1988	4,129,878	60.4	2,428,597	35.5	146,154	2.1	129,713	1.9	6,834,342
1989	3	0.0	4,543,066	90.7	186,828	3.7	280,801	5.6	5,010,698
1990	2,305,742	64.0	1,116,975	31.0	84,949	2.4	96,398	2.7	3,604,064
1991	1,117,514	51.3	844,156	38.8	99,705	4.6	116,201	5.3	2,177,576
1992	6,069,495	66.6	2,838,076	31.2	131,291	1.4	69,478	0.8	9,108,340
1993	2,558,492	53.8	1,941,706	40.8	108,181	2.3	146,319	3.1	4,754,698
1994	1,878,463	52.7	1,482,957	41.6	85,830	2.4	120,142	3.4	3,567,392
1995	1,773,873	60.3	961,216	32.7	96,735	3.3	109,098	3.7	2,940,922
*Average	1,655,557	57.6	923,128	33.5	106,588	5.9	113,223	6.4	2,798,497

* Does not include 1989.

Appendix A.3. Upper Cook Inlet commercial coho salmon harvest by gear type and area, 1966-1995.

Year	Central District Drift Gill Net		Central District Set Gill Net				Northern District Set Gill Net		Total
			East Side		Kalgin/West Side				
	Number	%	Number	%	Number	%	Number	%	
1966	80,901	27.9	68,877	23.8	59,509	20.5	80,550	27.8	289,837
1967	53,071	29.9	40,738	22.9	40,066	22.5	43,854	24.7	177,729
1968	167,383	35.8	80,828	17.3	63,301	13.5	156,648	33.5	468,160
1969	33,053	32.8	18,988	18.9	28,231	28.0	20,425	20.3	100,697
1970	114,070	40.9	30,114	10.8	52,299	18.7	82,722	29.6	279,205
1971	35,491	35.4	16,589	16.5	26,188	26.1	22,094	22.0	100,362
1972	21,577	26.7	24,673	30.5	15,300	18.9	19,346	23.9	80,896
1973	31,784	30.4	23,901	22.9	24,784	23.7	23,951	22.9	104,420
1974	75,640	37.8	36,837	18.4	40,610	20.3	47,038	23.5	200,125
1975	88,579	40.0	46,209	20.9	53,537	24.2	33,051	14.9	221,376
1976	80,712	38.7	47,873	22.9	42,243	20.2	37,835	18.1	208,663
1977	110,184	57.2	23,693	12.3	38,093	19.8	20,623	10.7	192,593
1978	76,259	34.8	34,134	15.6	61,711	28.2	47,089	21.5	219,193
1979	114,496	43.2	29,284	11.0	68,306	25.8	53,078	20.0	265,164
1980	89,510	33.0	40,281	14.8	51,527	19.0	90,098	33.2	271,416
1981	226,366	46.6	36,024	7.4	88,390	18.2	134,625	27.7	485,405
1982	416,274	52.5	108,393	13.7	182,205	23.0	85,352	10.8	792,224
1983	326,965	63.3	37,694	7.3	97,796	18.9	53,867	10.4	516,322
1984	213,423	47.4	37,166	8.3	84,618	18.8	114,786	25.5	449,993
1985	357,388	53.6	70,657	10.6	147,331	22.1	91,837	13.8	667,213
1986	506,405	66.9	76,385	10.1	85,932	11.4	88,108	11.6	756,830
1987	202,306	44.8	74,977	16.6	74,930	16.6	98,920	21.9	451,404
1988	277,703	49.6	55,419	9.9	77,058	13.8	149,742	26.7	560,022
1989	743	0.2	81,744	24.1	81,004	23.9	175,710	51.8	339,201
1990	247,453	49.4	40,351	8.1	73,429	14.7	139,401	27.8	500,634
1991	175,504	41.2	30,435	7.1	87,515	20.6	132,270	31.1	425,724
1992	267,300	57.0	57,078	12.2	53,400	11.4	91,133	19.4	468,911
1993	121,828	39.7	43,075	14.0	35,661	11.6	106,258	34.6	306,822
1994	306,217	52.7	69,281	11.9	61,005	10.5	144,064	24.8	580,567
1995	241,473	54.0	44,750	10.0	71,431	16.0	89,300	20.0	446,954
*Average	174,459	47.8	46,369	12.7	65,048	17.8	79,244	21.7	365,133

* Does not include 1989.

Appendix A.4. Upper Cook Inlet commercial pink salmon harvest by gear type and area, 1966-1995.

Year	Central District Drift Gill Net		Central District Set Gill Net				Northern District Set Gill Net		Total
			East Side		Kalgin/West Side				
	Number	%	Number	%	Number	%	Number	%	
1966	593,654	29.6	969,624	48.3	70,507	3.5	371,960	18.5	2,005,745
1967	7,475	23.3	12,900	40.2	3,256	10.1	8,460	26.4	32,091
1968	880,512	38.7	785,887	34.5	75,755	3.3	534,839	23.5	2,276,993
1969	8,233	25.3	10,968	33.7	5,711	17.6	7,587	23.3	32,499
1970	334,737	41.1	281,067	34.5	24,763	3.0	174,193	21.4	814,760
1971	6,433	18.1	18,097	50.8	2,637	7.4	8,423	23.7	35,590
1972	115,117	18.3	403,706	64.2	18,913	3.0	90,830	14.5	628,566
1973	91,901	28.2	80,596	24.7	16,437	5.0	137,250	42.1	326,184
1974	140,432	29.0	291,408	60.2	9,014	1.9	42,876	8.9	483,730
1975	113,868	33.9	112,423	33.4	19,086	5.7	90,953	27.0	336,330
1976	599,594	47.7	479,024	38.1	30,030	2.4	148,080	11.8	1,256,728
1977	286,308	51.7	125,817	22.7	25,212	4.6	116,518	21.0	553,855
1978	934,442	55.3	372,601	22.1	54,785	3.2	326,614	19.3	1,688,442
1979	19,554	26.8	19,983	27.4	7,061	9.7	26,382	36.1	72,980
1980	964,526	54.0	299,444	16.8	47,963	2.7	474,488	26.6	1,786,421
1981	53,888	42.4	15,654	12.3	4,276	3.4	53,325	41.9	127,143
1982	270,380	34.2	432,715	54.7	14,242	1.8	73,307	9.3	790,644
1983	26,629	37.9	18,309	26.0	3,785	5.4	21,604	30.7	70,327
1984	273,565	44.3	220,895	35.8	16,708	2.7	106,284	17.2	617,452
1985	34,228	39.0	17,715	20.2	5,653	6.4	30,232	34.4	87,828
1986	614,453	47.3	530,445	40.8	15,460	1.2	139,002	10.7	1,299,360
1987	38,660	35.2	47,707	43.4	5,229	4.8	18,205	16.6	109,801
1988	226,776	48.3	179,092	38.1	9,890	2.1	54,210	11.5	469,968
1989	1	0.0	37,971	56.3	5,580	8.3	23,878	35.4	67,430
1990	323,955	53.7	225,429	37.3	10,302	1.7	43,944	7.3	603,630
1991	5,791	39.5	2,670	18.2	1,049	7.2	5,153	35.1	14,663
1992	423,738	60.9	244,068	35.1	4,248	0.6	23,805	3.4	695,859
1993	46,457	46.0	41,674	41.3	2,313	2.3	10,468	10.4	100,918
1994	251,602	48.3	236,582	45.5	3,116	0.6	29,181	5.6	520,481
1995	64,632	48.4	53,420	40.0	3,810	2.9	11,713	8.8	133,575
*Average	267,294	43.1	225,170	36.3	17,628	2.8	109,651	17.7	619,744

* Does not include 1989.

Appendix A.5. Upper Cook Inlet commercial chum salmon harvest by gear type and area, 1966-1995.

Year	Central District Drift Gill Net		Central District Set Gill Net				Northern District Set Gill Net		Total
			East Side		Kalgin/West Side				
	Number	%	Number	%	Number	%	Number	%	
1966	424,972	79.8	7,461	1.4	64,725	12.1	35,598	6.7	532,756
1967	233,041	78.5	399	0.1	25,013	8.4	38,384	12.9	296,837
1968	1,022,900	90.7	1,563	0.1	44,986	4.0	58,454	5.2	1,127,903
1969	238,497	89.1	399	0.1	16,954	6.3	11,836	4.4	267,686
1970	678,448	90.4	1,228	0.2	48,591	6.5	22,507	3.0	750,774
1971	274,567	84.8	128	0.0	32,647	10.1	16,603	5.1	323,945
1972	564,726	90.2	1,727	0.3	40,179	6.4	19,780	3.2	626,412
1973	605,738	90.7	1,965	0.3	29,019	4.3	30,851	4.6	667,573
1974	344,496	86.8	506	0.1	15,346	3.9	36,492	9.2	396,840
1975	886,474	93.2	980	0.1	33,347	3.5	30,787	3.2	951,588
1976	405,769	86.5	1,484	0.3	47,882	10.2	14,045	3.0	469,180
1977	1,153,454	93.5	1,413	0.1	54,708	4.4	23,861	1.9	1,233,436
1978	489,119	85.5	4,563	0.8	40,946	7.2	37,151	6.5	571,779
1979	609,239	93.8	867	0.1	30,342	4.7	9,310	1.4	649,758
1980	339,970	87.7	2,147	0.6	28,970	7.5	16,728	4.3	387,815
1981	756,922	91.0	2,386	0.3	26,461	3.2	46,208	5.6	831,977
1982	1,348,510	94.1	4,777	0.3	36,647	2.6	43,006	3.0	1,432,940
1983	1,044,636	93.7	2,822	0.3	38,079	3.4	29,321	2.6	1,114,858
1984	568,097	83.5	3,695	0.5	34,207	5.0	74,727	11.0	680,726
1985	700,848	90.7	4,133	0.5	31,746	4.1	36,122	4.7	772,849
1986	1,012,028	89.2	7,027	0.6	39,078	3.4	76,040	6.7	1,134,173
1987	211,580	60.6	16,608	4.8	53,558	15.3	67,180	19.3	348,926
1988	580,650	81.9	11,841	1.7	40,354	5.7	75,728	10.7	708,573
1989	72	0.1	12,302	10.1	27,705	22.7	81,948	67.2	122,027
1990	289,521	82.4	4,611	1.3	21,355	6.1	35,710	10.2	351,197
1991	215,469	76.9	2,387	0.9	22,974	8.2	39,393	14.1	280,223
1992	232,955	84.9	2,867	1.0	13,180	4.8	25,301	9.2	274,303
1993	88,823	72.4	2,977	2.4	5,566	4.5	25,401	20.7	122,767
1994	245,854	82.1	2,944	1.0	10,443	3.5	40,059	13.4	299,300
1995	468,224	88.4	3,711	0.7	13,820	2.6	43,667	8.2	529,422
*Average	542,966	88.5	3,276	0.5	31,716	5.2	35,329	5.8	613,287

* Does not include 1989.

Appendix A.6. Upper Cook Inlet commercial salmon harvest by species, 1954-1995.

Year	Chinook	Sockeye	Coho	Pink	Chum	Total
1954	63,780	1,207,046	321,525	2,189,207	510,068	4,291,626
1955	45,926	1,027,528	170,777	101,680	248,343	1,594,254
1956	64,977	1,258,789	198,189	1,595,375	782,051	3,899,381
1957	42,158	643,712	125,434	21,228	1,001,470	1,834,002
1958	22,727	477,392	239,765	1,648,548	471,697	2,860,129
1959	32,651	612,676	106,312	12,527	300,319	1,064,485
1960	27,512	923,314	311,461	1,411,605	659,997	3,333,889
1961	19,737	1,162,303	117,778	34,017	349,628	1,683,463
1962	20,210	1,147,573	350,324	2,711,689	970,582	5,200,378
1963	17,536	942,980	197,140	30,436	387,027	1,575,119
1964	4,531	970,055	452,654	3,231,961	1,079,084	5,738,285
1965	9,741	1,412,350	153,619	23,963	316,444	1,916,117
1966	8,544	1,852,114	289,837	2,005,745	532,756	4,688,996
1967	7,859	1,380,062	177,729	32,229	296,837	1,894,716
1968	4,536	1,104,904	469,850	2,278,197	1,119,114	4,976,601
1969	12,397	692,175	100,777	33,383	269,847	1,108,579
1970	8,336	732,605	275,399	814,895	776,229	2,607,464
1971	19,765	636,303	100,636	35,624	327,029	1,119,357
1972	16,086	879,824	80,933	628,574	630,103	2,235,520
1973	5,194	670,098	104,420	326,184	667,573	1,773,469
1974	6,596	497,185	200,125	483,730	396,840	1,584,476
1975	4,787	684,752	227,379	336,333	951,796	2,205,047
1976	10,865	1,664,150	208,695	1,256,728	469,802	3,610,240
1977	14,790	2,052,291	192,599	553,855	1,233,722	4,047,257
1978	17,299	2,621,421	219,193	1,688,442	571,779	5,118,134
1979	13,738	924,415	265,166	72,982	650,357	1,926,658
1980	13,798	1,573,597	271,418	1,786,430	390,675	4,035,918
1981	12,240	1,439,277	484,411	127,164	833,542	2,896,634
1982	20,870	3,259,864	793,937	790,648	1,433,866	6,299,185
1983	20,634	5,049,733	516,322	70,327	1,114,858	6,771,874
1984	10,062	2,106,714	449,993	617,452	680,726	3,864,947
1985	24,088	4,060,429	667,213	87,828	772,849	5,612,407
1986	39,240	4,787,982	756,830	1,299,360	1,134,173	8,017,585
1987	39,661	9,500,186	451,404	109,801	349,139	10,450,191
1988	29,060	6,834,342	560,022	469,972	708,573	8,601,969
1989	26,742	5,010,698	339,201	67,430	122,027	5,566,098
1990	16,105	3,604,064	500,634	603,630	351,197	5,075,630
1991	13,535	2,177,576	425,724	14,663	280,223	2,911,721
1992	17,171	9,108,340	468,911	695,859	274,303	10,564,584
1993	18,719	4,754,698	306,822	100,918	122,767	5,303,924
1994	20,260	3,567,392	580,567	520,481	299,300	4,988,000
1995	17,857	2,951,827	446,954	133,575	529,422	4,079,635
Average	20,531	2,332,494	325,669	739,397	604,003	4,022,094

Appendix Table A.7. Approximate exvessel value of the Upper Cook Inlet commercial salmon harvest by species, 1960-1995.

Year	Chinook	%	Sockeye	%	Coho	%	Pink	%	Chum	%	Total
1960	$140,000	5.0	$1,334,000	47.9	$307,000	11.0	$663,000	23.8	$343,000	12.3	$2,787,000
1961	$100,000	4.7	$1,687,000	79.4	$118,000	5.6	$16,000	0.8	$204,000	9.6	$2,125,000
1962	$100,000	2.5	$1,683,000	42.3	$342,000	8.6	$1,274,000	32.0	$582,000	14.6	$3,981,000
1963	$89,000	4.6	$1,388,000	72.3	$193,000	10.1	$13,000	0.7	$236,000	12.3	$1,919,000
1964	$20,000	0.5	$1,430,000	38.9	$451,000	12.3	$1,131,000	30.8	$646,000	17.6	$3,678,000
1965	$50,000	2.0	$2,099,000	82.1	$109,000	4.3	$70,000	2.7	$230,000	9.0	$2,558,000
1966	$50,000	1.2	$2,727,000	64.4	$295,000	7.0	$823,000	19.4	$338,000	8.0	$4,233,000
1967	$49,000	1.9	$2,135,000	82.6	$187,000	7.2	$13,000	0.5	$202,000	7.8	$2,586,000
1968	$30,000	0.7	$1,758,000	40.4	$515,000	11.8	$1,209,000	27.8	$843,000	19.4	$4,355,000
1969	$70,000	4.3	$1,231,000	75.2	$109,000	6.7	$23,000	1.4	$204,000	12.5	$1,637,000
1970	$49,000	1.8	$1,135,000	42.5	$354,000	13.3	$387,000	14.5	$745,000	27.9	$2,670,000
1971	$189,000	10.7	$1,102,000	62.2	$143,000	8.1	$22,000	1.2	$316,000	17.8	$1,772,000
1972	$217,000	6.3	$1,795,000	52.0	$135,000	3.9	$473,000	13.7	$834,000	24.1	$3,454,000
1973	$122,000	2.0	$3,214,000	52.2	$320,000	5.2	$363,000	5.9	$2,134,000	34.7	$6,153,000
1974	$210,000	3.2	$3,058,000	46.5	$843,000	12.8	$946,000	14.4	$1,521,000	23.1	$6,578,000
1975	$65,000	1.0	$2,596,000	39.0	$821,000	12.3	$423,000	6.4	$2,753,000	41.3	$6,658,000
1976	$276,000	2.0	$8,626,000	63.2	$818,000	6.0	$1,879,000	13.8	$2,040,000	15.0	$13,639,000
1977	$525,000	2.4	$13,274,000	61.8	$933,000	4.3	$772,000	3.6	$5,991,000	27.9	$21,495,000
1978	$667,000	2.0	$26,128,000	80.3	$1,388,000	4.3	$2,154,000	6.6	$2,217,000	6.8	$32,554,000
1979	$625,000	4.3	$8,094,000	55.2	$1,658,000	11.3	$89,000	0.6	$4,201,000	28.6	$14,667,000
1980	$417,000	3.2	$7,932,000	61.6	$902,000	7.0	$2,114,000	16.4	$1,516,000	11.8	$12,881,000
1981	$422,000	2.6	$11,071,000	67.9	$2,638,000	16.2	$179,000	1.1	$2,005,000	12.3	$16,315,000
1982	$753,000	2.1	$25,029,000	69.0	$4,139,000	11.4	$515,000	1.4	$5,851,000	16.1	$36,287,000
1983	$585,000	2.0	$23,841,000	81.5	$1,603,000	5.5	$38,000	0.1	$3,195,000	10.9	$29,262,000
1984	$311,990	1.8	$12,445,633	71.8	$2,041,480	11.8	$522,419	3.0	$2,007,827	11.6	$17,329,349
1985	$799,173	2.3	$27,479,840	80.0	$3,358,083	9.8	$57,440	0.2	$2,646,553	7.7	$34,341,089
1986	$881,356	1.9	$37,665,832	83.3	$2,838,881	6.3	$698,527	1.5	$3,123,485	6.9	$45,208,081
1987	$1,609,681	1.6	$96,331,886	94.9	$2,368,968	2.3	$84,547	0.1	$1,115,477	1.1	$101,510,559
1988	$1,204,321	1.0	$111,102,230	91.2	$4,731,340	3.9	$650,309	0.5	$4,113,356	3.4	$121,801,556
1989	$803,494	1.4	$56,194,753	95.0	$1,674,393	2.8	$86,012	0.1	$415,535	0.7	$59,174,187
1990	$436,822	1.1	$35,804,485	88.0	$2,419,202	5.3	$512,590	1.3	$1,495,827	3.7	$40,668,906
1991	$348,553	2.3	$12,259,753	80.4	$1,996,348	13.1	$5,472	0.0	$643,392	4.2	$15,253,518
1992	$634,383	0.6	$96,038,337	96.0	$2,262,323	2.3	$404,990	0.4	$740,618	0.7	$100,080,651
1993	$462,819	1.5	$27,969,409	93.6	$1,081,175	3.6	$36,935	0.1	$322,205	1.1	$29,872,543
1994	$642,242	1.9	$29,432,768	85.5	$3,297,621	9.6	$240,462	0.7	$830,857	2.4	$34,443,950
1995	$474,460	2.2	$19,179,496	87.1	$1,295,273	5.9	$53,056	0.2	$1,023,479	4.6	$22,025,764

Appendix A.8. Commercial herring harvest by fishery, Upper Cook Inlet, 1973-1995.

	Harvest (Tons)			
Year	Eastside	Chinitna Bay	Tuxedni Bay	Total
1973	13.8	0	0	13.8
1974	36.7	0	0	36.7
1975	6.2	0	0	6.2
1976	5.8	0	0	5.8
1977	17.3	0	0	17.3
1978	8.3	55.3	0	63.6
1979	67.3	96.2	24.8	188.3
1980	37.4	20.0	86.5	143.9
1981	86.2	50.5	84.9	221.6
1982	60.2	91.8	50.2	202.2
1983	165.3	49.2	238.2	452.7
1984	117.5	90.6	159.0	367.1
1985	121.7	47.4	220.5	389.6
1986	178.9	111.1	191.9	481.9
1987	130.5	65.1	152.5	348.1
1988	50.7	23.4	14.1	88.2
1989	55.2	122.3	34.3	211.7
1990	55.4	55.9	16.1	127.4
1991	13.4	15.7	1.6	30.7
1992	24.7	10.4	0	35.2
1993	0	0	0	0
1994	0	0	0	0
1995	0	0	0	0

Appendix A.9. Commercial harvest of razor clams in Cook Inlet, 1919-1995.

Year	Pounds	Year	Pounds
1919	76,963	1959	0
1919	76,963	1960	372,872
1920	11,952	1961	277,830
1921	72,000	1962	195,650
1922	510,432	1963	0
1923	470,280	1964	0
1924	156,768	1965	0
1925	0	1966	0
1926	0	1967	0
1927	25,248	1968	0
1928	0	1969	0
1929	0	1970	0
1930	0	1971	14,755
1931	No Record	1972	31,360
1932	93,840	1973	34,415
1933	No Record	1974	0
1934	No Record	1975	10,020
1935	No Record	1976	0
1936	No Record	1977	1,762
1937	8,328	1978	45,931
1938	No Record	1979	144,358
1939	No Record	1980	140,420
1940	No Record	1981	441,949
1941	0	1982	460,639
1942	0	1983	269,618
1943	0	1984	261,742
1944	0	1985	319,034
1945	15,000	1986	258,632
1946	11,424	1987	312,349
1947	11,976	1988	392,610
1948	2,160	1989	222,747
1949	9,672	1990	323,602
1950	304,073	1991	201,320
1951	112,320	1992	296,727
1952	0	1993	310,289
1953	0	1994	355,165
1954	0	1995	248,358
1955	0		
1956	0		
1957	0		
1958	0		

Appendix Table A.10. Enumeration goals and counts of sockeye salmon in selected streams of Upper Cook Inlet, 1968-1995.

Year	Kenai River		Kasilof River		Fish Creek	
	Enumeration Goal	Enumeration Estimate[1]	Enumeration Goal	Enumeration Estimate[1]	Enumeration Goal	Enumeration Estimate[2]
1968	0	88,000	0	93,000	0	19,616
1969	150,000	53,000	75,000	46,000	0	12,456
1970	150,000	73,000	75,000	37,000	0	25,000
1971	150,000	--	75,000	--	0	31,900
1972	150,000-250,000	318,000	75,000-150,000	112,000	0	6,981
1973	150,000-250,000	367,000	75,000-150,000	40,000	0	2,705
1974	150,000-250,000	161,000	75,000-150,000	64,000	0	16,225
1975	150,000-250,000	142,000	75,000-150,000	48,000	0	29,882
1976	150,000-250,000	380,000	75,000-150,000	140,000	0	14,032
1977	150,000-250,000	708,000	75,000-150,000	155,000	0	5,183
1978	350,000-500,000	399,000	75,000-150,000	117,000	0	3,555
1979	350,000-500,000	285,000	75,000-150,000	152,000	0	68,739
1980	350,000-500,000	464,000	75,000-150,000	187,000	0	62,828
1981	350,000-500,000	408,000	75,000-150,000	257,000	0	50,479
1982	350,000-500,000	620,000	75,000-150,000	180,000	50,000	28,164
1983	350,000-500,000	630,000	75,000-150,000	210,000	50,000	118,797
1984	350,000-500,000	345,000	75,000-150,000	232,000	50,000	192,352
1985	350,000-500,000	501,000	75,000-150,000	503,000	50,000	68,577
1986	350,000-500,000	501,000	150,000-250,000	276,000	50,000	29,800
1987	400,000-700,000	1,597,000	150,000-250,000	249,000	50,000	91,215
1988	400,000-700,000	1,021,500	150,000-250,000	202,000	50,000	71,603
1989	400,000-700,000	1,599,959	150,000-250,000	158,206	50,000	67,224
1990	400,000-700,000	658,908	150,000-250,000	144,289	50,000	50,000
1991	400,000-700,000	645,000	150,000-250,000	238,000	50,000	50,500
1992	400,000-700,000	994,760	150,000-250,000	183,178	50,000	71,385
1993	400,000-700,000	813,617	150,000-250,000	149,939	50,000	117,619
1994	400,000-700,000	1,003,446	150,000-250,000	205,117	50,000	95,107
1995	450,000-700,000	628,760	150,000-250,000	205,902	50,000	115,000

Year	Susitna River		Crescent River		Packers Creek	
	Enumeration Goal	Enumeration Estimate[1]	Enumeration Goal	Enumeration Estimate[1]	Enumeration Goal	Enumeration Estimate[2]
1978	200,000	94,000	0	N/C	0	N/C
1979	200,000	157,000	50,000	87,000	0	N/C
1980	200,000	191,000	50,000	91,000	0	16,477
1981	200,000	340,000	50,000	41,000	0	13,024
1982	200,000	216,000[3]	50,000	59,000	0	15,687
1983	200,000	112,000[4]	50,000	92,000	0	18,403
1984	200,000	194,000[5]	50,000	118,000	0	30,684
1985	200,000	228,000[5]	50,000	129,000	0	36,850
1986	100,000-150,000[6]	92,000[6]	50,000-100,000	N/A	0	29,604
1987	100,000-150,000[6]	66,000[6]	50,000-100,000	119,000	0	35,401
1988	100,000-150,000[6]	52,347[6]	50,000-100,000	57,716	15,000-25,000	18,607
1989	100,000-150,000[6]	96,269[6]	50,000-100,000	71,064	15,000-25,000	22,304
1990	100,000-150,000[6]	140,379[6]	50,000-100,000	52,180	15,000-25,000	31,868
1991	100,000-150,000[6]	105,000[6]	50,000-100,000	44,500	15,000-25,000	41,275
1992	100,000-150,000[6]	66,057[6]	50,000-100,000	58,227	15,000-25,000	28,361
1993	100,000-150,000[6]	141,694[6]	50,000-100,000	37,556	15,000-25,000	40,869
1994	100,000-150,000[6]	128,032[6]	50,000-100,000	30,355	15,000-25,000	30,788
1995	100,000-150,000[6]	121,479[6]	50,000-100,000	52,250	15,000-25,000	29,473

[1] Derived from sonar counters unless otherwise noted.
[2] Weir counts.
[3] Poor field conditions make this a minimum estimate; mark/recapture estimate from Su-Hydro studies was 265,000.
[4] Minimum estimate. Combining Yentna sonar with Sunshine Station mark/recapture estimate yields 176,000.
[5] Yentna River sonar count combined with Sunshine Station mark/recapture estimate.
[6] Yentna River only.

Appendix A.11. Average price paid for commercially harvested salmon, Upper Cook Inlet, 1969-1995.[1]

Year	Chinook	Sockeye	Coho	Pink	Chum
1969	0.38	0.28	0.19	0.14	0.12
1970	0.40	0.28	0.25	0.14	0.14
1971	0.37	0.30	0.21	0.15	0.15
1972	0.47	0.34	0.27	0.19	0.20
1973	0.62	0.65	0.50	0.30	0.42
1974	0.88	0.91	0.66	0.46	0.53
1975	0.54	0.63	0.54	0.35	0.41
1976	0.92	0.76	0.61	0.37	0.54
1977	1.26	0.86	0.72	0.38	0.61
1978	1.16	1.32	0.99	0.34	0.51
1979	1.63	1.41	0.98	0.34	0.88
1980	1.15	0.85	0.57	0.34	0.53
1981	1.46	1.20	0.83	0.38	0.65
1982	1.27	1.10	0.72	0.18	0.49
1983	0.97	0.74	0.45	0.18	0.36
1984	1.08	1.00	0.64	0.21	0.39
1985	1.20	1.20	0.70	0.20	0.45
1986	0.90	1.40	0.60	0.15	0.38
1987	1.40	1.50	0.80	0.22	0.45
1988	1.30	2.47	1.20	0.37	0.76
1989	1.25	1.70	0.75	0.40	0.47
1990	1.20	1.55	0.75	0.25	0.60
1991	1.20	1.00	0.77	0.12	0.35
1992	1.50	1.60	0.75	0.15	0.40
1993	1.20	1.00	0.60	0.12	0.45
1994	1.00	1.45	0.80	0.12	0.40
1995	1.00	1.15	0.45	0.12	0.27

[1] Expressed as dollars paid per pound.
Data Source: 1969-1983 - Commercial Fisheries Entry Commission.
1984-1995 - Random fish-ticket averages, does not include bonuses or post-season adjustments.

Appendix A.12. Average weight[1] (in pounds) of commercially harvested salmon, Upper Cook Inlet, 1969-1995.

Year	Chinook	Sockeye	Coho	Pink	Chum
1969	17.11	6.69	7.00	3.91	7.30
1970	26.81	5.80	6.80	4.00	7.18
1971	25.91	6.55	6.52	3.44	9.26
1972	29.68	6.23	6.28	4.00	6.67
1973	37.62	7.41	6.11	3.71	7.61
1974	36.13	6.79	6.38	4.13	7.22
1975	24.75	6.09	6.83	3.56	7.05
1976	27.43	6.85	6.43	4.03	8.05
1977	28.11	7.55	6.72	3.65	7.97
1978	32.96	7.56	6.36	3.75	7.60
1979	27.52	6.21	6.31	3.32	7.34
1980	26.14	5.93	5.76	3.48	7.33
1981	23.75	6.42	6.53	3.52	7.66
1982	28.80	7.01	7.14	3.89	8.24
1983	29.51	6.43	6.89	3.27	7.75
1984	28.61	5.91	7.08	4.03	7.58
1985	27.65	5.64	7.19	3.27	7.61
1986	25.91	5.77	6.41	3.72	7.42
1987	28.99	6.73	6.57	3.50	7.10
1988	29.67	6.61	7.05	3.74	7.67
1989	24.04	6.60	6.58	3.19	7.25
1990	22.60	6.41	6.45	3.40	7.10
1991	21.46	5.63	6.09	3.11	6.56
1992	24.63	6.59	6.43	3.88	6.75
1993	27.47	5.88	5.87	3.05	5.83
1994	31.70	5.69	7.10	3.85	6.94
1995	26.57	5.65	6.44	3.31	7.16
Average	27.45	6.37	6.52	3.60	7.37

[1] Total poundage divided by numbers of fish from fish ticket totals.

Appendix A.13. Registered units of gillnet fishing effort by gear type in Cook Inlet, 1960-1995.[1]

	Drift			Set			
Year	Resident	Non-Resident	Sub-total	Resident	Non-Resident	Sub-total	Total
1960	221	67	288	511	59	570	858
1961	279	93	372	564	22	586	958
1962	260	112	372	589	28	617	989
1963	333	139	472	626	34	660	1,132
1964	323	145	468	596	35	631	1,099
1965	329	145	474	556	34	590	1,064
1966	328	176	504	580	48	628	1,132
1967	350	186	536	554	50	604	1,140
1968	407	204	611	638	43	681	1,292
1969	497	208	687	686	42	728	1,415
1970	537	220	757	707	65	772	1,529
1971	519	191	710	693	38	731	1,441
1972	419	152	571	672	35	701	1,272
1973	516	146	662	632	43	775	1,437
1974	458	150	608	764	39	803	1,411
1975	291	162	453	613	44	657	1,110
1976	343	171	514	669	42	711	1,225
1977	360	179	539	690	41	731	1,270
1978	366	183	549	698	44	742	1,291
1979	372	182	554	700	44	744	1,298
1980	373	179	554	697	47	744	1,298
1981	414	185	599	688	59	747	1,346
1982	416	175	591	697	51	748	1,339
1983	417	170	587	685	60	745	1,332
1984	426	162	588	672	72	744	1,332
1985	420	170	590	666	65	731	1,321
1986	436	178	614	682	76	758	1,372
1987	422	164	586	666	77	743	1,329
1988	421	163	584	659	82	741	1,325
1989	420	165	585	648	95	743	1,328
1990	408	174	585	648	97	745	1,330
1991	414	168	582	643	98	741	1,323
1992	405	178	583	638	107	745	1,328
1993	400	182	582	634	106	740	1,322
1994	392	187	579	620	117	737	1,316
1995	391	186	577	618	120	738	1,315

[1] Source: 1960-74 ADF&G unpublished reports, 1975-95 Commercial Fisheries Entry Commission

Appendix A.14. Forecast[1] and projected[2] commercial harvests of salmon by species, Upper Cook Inlet, 1984-1995.

	Sockeye			Coho			Pink			Chum			Chinook		
Year	Forecast	Actual	Error	Projected	Actual	Error	Projected	Actual	Error	Projected	Actual	Error	Projected	Actual	Error
1984	2,200,000	2,102,767	- 4%	250,000	442,619	+77%	1,700,000	622,510	-63%	350,000	684,124	+95%	14,000	8,819	-37%
1985	3,700,000	4,060,260	+10%	250,000	667,213	+167%	112,500	87,828	-22%	700,000	772,829	+10%	17,500	24,086	+38%
1986	4,200,000	4,787,982	+14%	450,000	756,830	+68%	1,250,000	1,299,360	+ 4%	900,000	1,134,173	+26%	32,500	39,240	+21%
1987	4,800,000	9,500,186	+98%	500,000	451,404	-10%	150,000	109,801	-27%	1,000,000	349,132	-65%	30,000	39,661	+32%
1988	5,300,000	6,834,342	+29%	400,000	560,022	+40%	400,000	469,972	+17%	800,000	708,573	-11%	35,000	29,060	-17%
1989	2,500,000	5,010,698	+100%	400,000	339,201	-15%	100,000	67,430	-33%	800,000	122,027	-85%	30,000	26,742	-11%
1990	4,300,000	3,604,064	-16%	250,000	500,026	+100%	600,000	603,630	+1%	400,000	351,197	-12%	25,000	16,105	-36%
1991	3,200,000	2,177,576	-32%	400,000	425,724	+6%	90,000	14,663	-84%	500,000	280,223	-44%	20,000	13,535	-32%
1992	3,600,000	9,108,340	+153%	400,000	468,911	+17%	400,000	695,859	+74%	350,000	274,303	-22%	20,000	17,171	-14%
1993	2,500,000	4,754,698	+90%	450,000	306,822	-32%	25,000	100,918	+304%	350,000	122,767	-65%	15,000	18,719	+25%
1994	2,000,000	3,567,392	+78%	400,000	580,567	+45%	600,000	520,481	-13%	250,000	299,300	+20%	15,000	20,260	+35%
1995	2,700,000	2,951,827	+ 9%	400,000	446,954	+12%	100,000	133,575	+34%	250,000	529,422	+131%	15,000	17,857	+19%
1996	3,300,000			400,000			600,000			350,000			15,000		

[1] Harvest forecasts have typically been prepared using average return per spawner values, parent-year escapements and average marine maturity schedules or time series modeling tempered by available juvenile production data or combinations of these data sets.

[2] Harvest projections are prepared using subjective estimates of parent-year escapements, gross trends in harvest and expected intensity of fishery.

Appendix A.15. Subsistence and personal use salmon harvest, Upper Cook Inlet, 1980-1995.

Fishery	No. of Permits	Chinook	Sockeye	Coho	Pink	Chum
Tyonek Subsistence						
1980	67	1,936	262	0	0	0
1981	70	2,002	269	64	32	15
1982	69	1,565	209	113	15	4
1983	75	2,750	185	40	0	2
1984	75	2,354	310	66	3	23
1985	76	1,720	44	8	0	10
1986	65	1,523	198	210	45	44
1987	64	1,552	161	149	5	24
1988	47	1,474	52	185	6	9
1989	49	1,314	67	175	0	1
1990	42	797	92	366	124	10
1991	57	1,105	25	80	0	0
1992	57	905	74	234	7	19
1993	53	1,247	43	36	11	9
1994	49	840	41	111	0	22
1995	55	1,271	45	123	14	15
Non-Commercial Gillnet						
1981	1,108	68	466	12,713	149	305
Kasilof Personal Use						
1982	649	372	7,543	24	17	0
1983	684	307	8,846	0	0	0
1984	698	165	12,926	0	0	0
1985	692	203	10,746	0	0	0
1986	N/A	168	9,609	0	0	0
1987	N/A	184	9,375	0	0	0
1988	N/A	118	9,803	0	0	0
1989	N/A	186	9,928	0	0	0
1990	N/A	133	7,123	0	0	0
1991	N/A	34	8,380	0	0	0
1993	N/A	47	7,942	0	0	0
Fall Coho Personal Use/Subsistence						
1983	295	0	0	712	0	0
1984	309	1	2	2,261	10	7
1985	998	50	805	11,265	108	53
1986	892	0	0	2,422	0	0
1987	486	8	9	2,213	2	37
1988	449	2	19	2,662	38	10
1989	365	0	0	2,376	0	0
1990	420	0	0	2,290	0	0
1991	360	0	0	2,703	0	8
1993	535	0	0	1,168	23	0
Northern/Central Districts Subsistence/Personal Use						
1985	638	117	2,218	1,427	90	121
1991	7,065	550	32,230	3,520	537	1,598
1992	9,200	1,139	46,419	10,320	1,818	1,827
1994	10,127	1,501	53,333	12,181	2,975	1,729
1995	9,300	1,415	61,602	11,186	1,454	1,734
Knik Arm Subsistence						
1985	405	4	1,649	2,055	48	212